THESIS

FOR THE AWARD OF A DEGREE OF

DOCTOR OF MEDICINE

SESSION 2020-2023

UTILITY OF FOOT LENGTH FOR IDENTIFICATION OF PRETERM NEONATES: A HOSPITAL-BASED CROSS-SECTIONAL STUDY

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ACKNOWLEDGEMENT

It fills my heart with unspeakable joy to express my gratitude to everybody who contributed to the successful accomplishment of my post-graduate thesis.

First and foremost, I would like to thank Almighty for showering blessings over me and my family for the unconditional love and support which has always given me strength to strive for the best and never lose hope whatever circumstances transpire.

I would firstly like to thank Santosh College and Hospital, Ghaziabad for allowing me to pursue my research in their prestigious institute and giving me an opportunity to complete my thesis with immense support and guidance throughout my journey and shall remain forever grateful for the same.

With profoundest gratitude and great humility, I would like to express my sincere gratitude to my guide, DR. KAILASH CHANDER AGARWAL, who has been my mentor and constant source of encouragement throughout the tedious task of holding research. Without her experience and unwavering enthusiasm which helped me remain constantly focused and engaged in my research, it would not have been possible to conduct my research successfully.

I would like to thank DR Alka Agrawal who has been a guiding light for me throughout my journey as a postgraduate in Pediatrics. It would not have been possible to conduct this research without her immense knowledge and wisdom, her kind support, and constant words of encouragement. Her guidance has played a pivotal role not only for the present study but also for my journey as a pediatrician and in life.

I am grateful to Dr. K.C. Aggarwal, DR. VEENU Aggarwal DR. VIRENDRA Yadav, DR. SHOINI GHOSH DR. ANISA RIYAZ, and DR. SUSHIL SHUKLA for their valuable suggestions and extensive support.

I would also like to thank all my respected seniors and beloved juniors for their contribution and all the pediatrics staff who have supported me in my journey.

I would also like to give special thanks to DR. RAKESH, DR NAVEEN, DR. ANUBHAV DR. MANNAT, DR.VISHWANI, `DR.SONU who have helped and given constant support at all times.

I would be failing in my duties if I do not pay my special sense of obligation to all of My Patients who despite being in so much pain and agony were always eager to cooperate more and more. I wish them a speedy recovery and healthier life.

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LIST OF ABBREVIATIONS

FL	FOOT LENGTH
GA	GESTATIONAL AGE
LMP	LAST MENSTURAL PERIOD
CHL	CROW HEEL LENGTH
SD	STANDARD DEVATION
HC	HEAD CIRCUMFERENCE
USG	ULTRA SONOGRAPHY
CM	CENTIMETER
AGA	APPROPRIATE FOR GESTATIONAL AGE
SGA	SMALL FOR GESTATIONAL AGE
VLBW	VERY LOW BIRTH WEIGHT
LBW	LOW BIRTH WEIGHT
R^2	COEFFICENT OF DETERMINATION
R	CORELATION COEEFICIENT

Introduction

INTRODUCTION

Neonatal deaths account for 45% of all under 5 mortalities and majority are due to premature birth. To decrease neonatal mortality, it is imperative to identify whether a just born thin looking baby is preterm or term but small for gestational age (SGA) as the complications and prognosis of the two differs. For many decades the gestational age is being assessed antenatally by LMP, per abdominal examination of pregnant mother for uterus size and USG evaluation. After birth the gestational age assessment is done by anthropometry of new-born or by Ballard score, but most of these need sophisticated instruments, round the clock power supply and most importantly clinical expertise & time of the health care provider(1). Even today many places in rural locality, urban slums, hilly and remote areas have population who have no or inadequate antenatal check-up, do not get USG done in pregnancy and mothers not knowing exact LMP especially if conceived during lactational amenorrhea(2–4). The ASHA workers are burdened too much with a long list of responsibilities, trained specialists or qualified medical persons providing round the clock service are scarce, health care setups/facilities in periphery lack sophisticated equipment's(5,6). All these shortcomings emphasize the need of a quick and simple parameter which can be a useful surrogate marker (7–9) for identifying preterm low birth weight baby in need of timely referral and appropriate intensive care(7,10).Some researchers have developed a colour coded calliper for ease of peripheral health workers(11),some are trying to develop an app. Anthropometric parameters relatively less popular used to know gestational age (GA) are foot length, chest circumference(12) and distance between right nipple and umbilicus.

Foot length has been claimed to be one such parameter by many researchers, which fulfil all criteria of a convenient surrogate marker of gestational age of new-born (7,13–17) to be used by primary health care workers. There are many studies reporting close positive correlation between foot length (FL) and GA(18). New-born foot is usually readily accessible for measurement, even in sick neonates unlike other anthropometric parameters. There are some studies comparing various devices used to measure foot length and reported that simple plastic ruler, impression of foot on paper are also as good as delicate digital callipers or plastic Vernier's callipers(19–21). There are studies refuting the claims of usefulness of foot length in neonates and concludes that none of the postnatal gestational age assessment method like Ballard score, foot length, anterior

lens vascularity, last menstrual period or non-structured assessment by a clinician can confidently predict a gestational age within a week and have little utility in practice[15].Another study supporting this conclusion by Lee et al(22) reported that neonatal anthropometry is poor parameter to identify preterm new-borns.

These contradictory claims about usefulness of foot length were the reason to undertake the present study.

Aims & Objectives

AIMS AND OBJECTIVES

AIM:

The aim was to find-out the effectiveness of foot length as a simple screening tool for gestational age assessment in neonates so that it can be used at peripheral level for timely referral and thereby reducing neonatal mortality.

OBJECTIVES:

1. To study the correlation of foot length and gestational age in preterm neonates.

2. To study the correlation between foot length and other variables (birth weight, gestational age, Crown heel length and head circumference) among small-for gestational age, appropriate-for-gestational age and large-for-gestational age newborns.

Review of Literature

FETAL GROWTH AND DEVELOPMENT[25,26]

Before birth, the most dramatic developments in growth and development take place. Most of these changes are somatic, or the development of a single cell into a baby. The uterus while offering a degree of protection is affected by social, psychological and environmental influences. The complex interplay between these forces and the physical transformations occurring in-utero shapes infants as they appear at birth and throughout infancy.

SOMATIC DEVELOPMENT

A. Embryonic period (from conception to end of 8th week)

By six days post conceptional age, as implantation begins, the embryo consists of a spherical mass of cells with a central cavity (the blastocyst).

By second week, implantation is complete and the uteroplacental circulation begins; the embryo has two distinct layers, endoderm and ectoderm and the amnion begins to form.

By third week, the third primary germ layer (mesoderm) appears along with primitive neural tube and blood vessels and paired heart tubes begin to pump.

A human-like shape develops during the fourth and the following eight weeks as a result of the embryologic plate folding laterally, expansion at the cranial and caudal ends, and the budding of the arms and legs. The branchial arches that will eventually form the jaw, maxilla, palate, external ear, and other head and neck structures, as well as skeletal muscle and vertebral precursors, can be seen. Lens placode appear marking the site for future eyes and the brain grows rapidly. By the end of eighth week as the embryonic period ends, the rudiments of all major systems have developed; the average embryo weighs 9 g and has a crown-rump length of 5 cm.

B . Fetal Period

From 9th week onwards fetal somatic changes consist of increase in cell number and size and structural remodeling of several organ systems.
By 10th week, the face is recognizably human. The midgut returns from the umbilical cord into the abdomen rotating counter-clock wise to bring stomach, small intestine and large intestine into their normal positions.
By 12th week, the gender of the external genitalia becomes clearly distinguishable, lung development proceeds with the budding of bronchi, bronchioles and successively smaller divisions.
By 20–24-week primitive alveoli have formed and surfactant production begins.

Weight triples and length doubles during the third trimester as body reserves of protein, fat, iron, and calcium rise.

NEUROLOGIC DEVELOPMENT

On the ectodermal surface of the trilaminar embryo's third week, a neural plate develops. A neural tube that becomes the central nervous system and a neural crest that becomes the peripheral nervous system are the results of infoldings.
By 5th week, the three main subdivisions namely forebrain, midbrain and hindbrain are evident. The dorsal and ventral horns of the spinal cord begin to form along with the peripheral motor and sensory nerves. Midway through pregnancy, myelination starts, and it lasts for the first two years of life.

By the end of embryonic period (1-8 weeks) the gross structure of the nervous system has been established. On a cellular level, the growth of axons and dendrites and the elaboration of synaptic connections continue at a rapid pace, making the central nervous system vulnerable to teratogenic or hypoxic influences throughout gestation.

BEHAVIOURAL DEVELOPMENT

Muscle contraction first appears around 8 weeks, soon followed by lateral flexion movements. By 13-14 weeks breathing and swallowing motions appear and tactile stimulation elicits graceful movements. The grasp reflex appears at 17 weeks and is well developed by 27 weeks. Eye opening occurs around 26 weeks. By mid -gestation, the full range of newborn movements can be obtained.

THREATS TO FETAL DEVELOPMENT

The prenatal stage is when mortality and morbidity are most prevalent.30% of pregnancies end in spontaneous abortion, most often during the first trimester as a result of chromosomal or other abnormalities.

Major congenital malformations requiring neonatal surgical intervention occur in approximately 2% of live births.

Teratogens associated with gross physical and mental abnormalities include various infectious agents (toxoplasma, rubella, syphilis), chemical agents (mercury, thalidomide, anti-epileptic medications), high temperature and radiation. Teratogenic effects may include not only gross physical malformations but also decreased growth and later cognitive or behavioral defects. Prenatal exposure to cigarette smoke is associated with lower birth weight, length and head circumference as well as decreased Intelligence Quotient and increased rates of learning disabilities.

The broad range of outcomes seen is a reflection of the intricate interconnections between biological, social, and protective factors.

INFANTS OF LOW BIRTH WEIGHT

As per WHO criterion, a low birth weight baby is one with a birth weight of less than 2500 g (upto and including 2499 g) irrespective of the period of gestation. This

definition has less practical significance in countries like India as most LBW infants are mature by gestation.

INCIDENCE

In accordance with WHO criterion for LBW about 30-40% of babies in India are LBW as opposed to about 4-7% of newborns in the West. In India alone 6 to 8 million low birth weight infants are born annually. In India high incidence of low birth weight babies is accounted for by a higher number of babies with intrauterine growth retardation (small for gestational age) rather than preterm babies.[27]

The majority of LBW babies cannot receive specialized care at this time. Due to their greater vulnerability, newborns weighing less than 2000 g should be given preference upon being admitted to the special care nursery.

By this criterion alone, 10% of all babies in India qualify for admission to the special care nursery.[28] The infant mortality rate is about 20 times greater for all low-birth-weight babies compared to otherbabies.[29]

Low birth weight babies include both preterm and small for gestational age babies. Their clinical problems and prognosis are quite different from each other.

GESTATIONAL AGE ESTIMATION AT BIRTH OBSTETRIC INFORMATION[30]

The review of following obstetric data helps in gestational age assessment at birth.

A, the clinical estimate of gestational age is usually made through careful history of the LMP. The gestational age is calculated from the first day of the LMP. This, accompanied by physical examination forms the baseline criteria for estimating gestational age. However, the maternal recall of the first day of the LMP is fraught with error.[31] An additional objective assessment then becomes necessary.

B. Ultrasonic estimation of gestational age.[32] Gestational age assessment is done by the retrospective study of antenatal ultrasound examination. Early second trimester ultrasound examination is considered the 'gold standard' in the estimation of gestational age. The accuracy with which gestational age can be estimated by

biparietal diameter (BPD) decreases with increasing gestational age. The length of the calcified fetal femur is often measured and used in validating BPD measurements or used alone in circumstances where BPD cannot be measured (such as a fetal head that is firmly engaged) or is incorrect (e.g., hydrocephalus).

C. Date of first recorded fetal activity "quickening" is first felt at approximately 16-18 weeks.

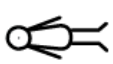
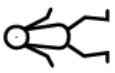
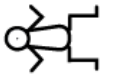
Date of first recorded fetal heart sounds. These are first detected at approximately 10-12 weeks by ultrasonic Doppler and by about 20 weeks by fetoscope.

NEWBORN INFORMATION

New Ballard Score

The tone, posture and physical appearance of the baby are considered to make a composite score. This composite score is used to assess the newborn's likely gestational age in the period immediately after birth. (Figure 2)

Neuromuscular Maturity

Score	–1	0	1	2	3	4	5
Posture							
Square window (wrist)	>90°	90°	60°	45°	30°	0°	
Arm recoil		180°	140–180°	110–140°	90–110°	<90°	
Popliteal angle	180°	160°	140°	120°	100°	90°	<90°
Scarf sign							
Heel to ear							

Physical Maturity

Skin	Sticky, friable, transparent	Gelatinous, red, translucent	Smooth, pink; visible veins	Superficial peeling and/or rash; few veins	Cracking, pale areas; rare veins	Parchment, deep cracking; no vessels	Leathery, cracked, wrinkled
Lanugo	None	Sparse	Abundant	Thinning	Bald areas	Mostly bald	
Plantar surface	Heel-toe 40–50 mm: –1 <40 mm: –2	>50 mm, no crease	Faint red marks	Anterior transverse crease only	Creases anterior 2/3	Creases over entire sole	
Breast	Imperceptible	Barely perceptible	Flat areola, no bud	Stippled areola, 1–2 mm bud	Raised areola, 3–4 mm bud	Full areola, 5–10 mm bud	
Eye/Ear	Lids fused loosely: –1 tightly: –2	Lids open; pinna flat; stays folded	Slightly curved pinna; soft; slow recoil	Well curved pinna; soft but ready recoil	Formed and firm, instant recoil	Thick cartilage, ear stiff	
Genitals (male)	Scrotum flat, smooth	Scrotum empty, faint rugae	Testes in upper canal, rare rugae	Testes descending, few rugae	Testes down, good rugae	Testes pendulous, deep rugae	
Genitals (female)	Clitoris prominent, labia flat	Clitoris prominent, small labia minora	Clitoris prominent, enlarging minora	Majora and minora equally prominent	Majora large, minora small	Majora cover clitoris and minora	

Maturity Rating

Score	Weeks
–10	20
–5	22
0	24
5	26
10	28
15	30
20	32
25	34
30	36
35	38
40	40
45	42
50	44

Figure 2: Newborn maturity rating and classification (New Ballard Score)

Source: Ballard et al., New Ballard Score, expanded to include extremely premature infants. J Pediatr 1991;119:417-23.

cc appropriate point on the arm is marked before the circumference is measured.

THIGH CIRCUMFERENCE

The maximum thigh circumference is recorded at the level of the lowest furrow in the gluteal region, the tape being placed perpendicular to the long axis of lower limb.[38]

CALF CIRCUMFERENCE

It is measured at the most prominent point in semi-flexed position of the leg with a measuring to the nearest 0.1 cm.[39]

FOOT LENGTH

A specially designed slide gauge is required for the measurement of foot length. Heel is stabilized against the fixed vertical end of the gauge and sliding end is adjusted against the tip of big toe after straightening the foot.[40]

PROPORTIONALITY INDICES

The most commonly used index of neonatal body proportionality relates birth weight to length. Rohrer's Ponderal index is equal to one hundred times the birth weight (in grams) divided by the cube of birth length (cm^3).

$$\text{Rohrer's Ponderal Index} = \frac{\text{Birth weight (in g)}}{\text{Birth length (in cm)}^3} \times 100$$

Other proportionality indices that relate head circumference to length (HC/length) or chest circumference to length (CC/length) for example have been studied occasionally

but further research would be needed to show that they offer any advantage over the indicators previously mentioned.[42]

OTHER MEASUREMENTS

Skin fold thickness – It has been used to assess newborn adiposity. Since measurement of skin fold thickness is relatively imprecise, it is not currently recommended for purposes of routine assessment.[42]

Material & Methods

MATERIAL AND METHODS

The present study was approved by ethical committee of Institution and review board.

STUDY DESIGN:

A cross sectional hospital based observational study.

PLACE OF STUDY:

Study was conducted during February 2021 till September 2022. All the new-born delivered in the study hospital (Santosh Hospital, Ghaziabad) of western Uttar Pradesh were included after parental consent.

SAMPLE SIZE:

Total 800 new-born were included in the study.

INCLUSION CRITERIA

Live newborns of different gestational ages within 24 hours of birth.

1. Pre-term (Small-for-gestational age, Appropriate-for-gestational age, Large for-gestational age)

2. Term (Small-for-gestational age, Appropriate-for-gestational age, Large-for gestational age)

3. Post-term (Small-for-gestational age, Appropriate-for-gestational age, Large for-gestational age)

EXCLUSION CRITERIA

1. Babies who were having skeletal deformities of the foot.
2. New-born with chromosomal anomalies, intrauterine infections, twins, or born to mothers unable to recall LMP or with some serious evident medical conditions were excluded.

Observation & Results

OBSERVATION AND RESULTS:

Present study enrolled 800 new-borns; 420 (54.67%) were male babies and 380(45.33%) were female babies; 604(75.5%) were term,124(15.5%) were preterm &72(9%) were post-term babies.

Low birth weight babies were 203(25.4%), with higher proportion of pre-terms as compared to small for gestational age (SGA)babies. Large for gestational age (LGA) babies were 3.2%.

Descriptive statistics of anthropometric variables of recruited new-borns are tabulated in Table 1. Mean foot length (FL) in term new-born babies was 7.42 cm (SD + 0.57) while it was 6.69 cm (SD +0.56) in pre-term AGA babies and 6.15 cm (SD+ 0.70) in pre-term SGA babies. The difference between term & preterm FL was statistically significant ($p < 0.0001$).

Figure 3 shows Mean foot length (FL) in term new-born babies was 7.42 cm (SD + 0.57) while it was 6.69 cm (SD +0.56) in pre-term AGA babies and 6.15 cm (SD+ 0.70) in pre-term SGA babies.

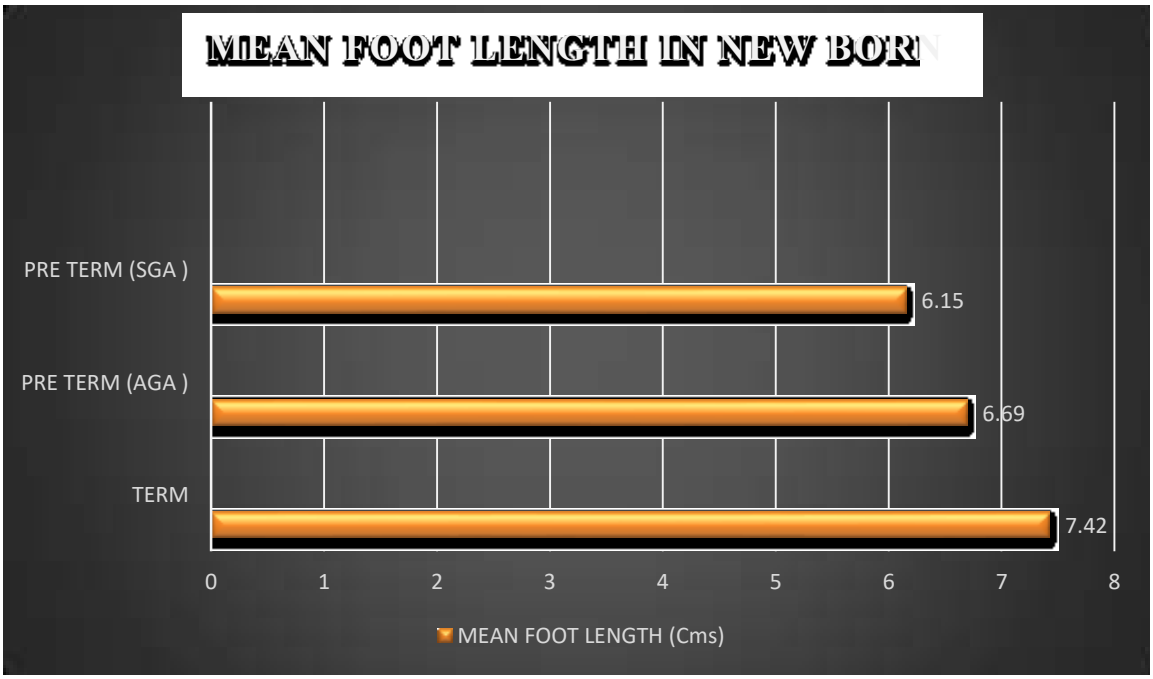


Table I. Descriptive statistics of anthropometric variables of study population (n = 800)

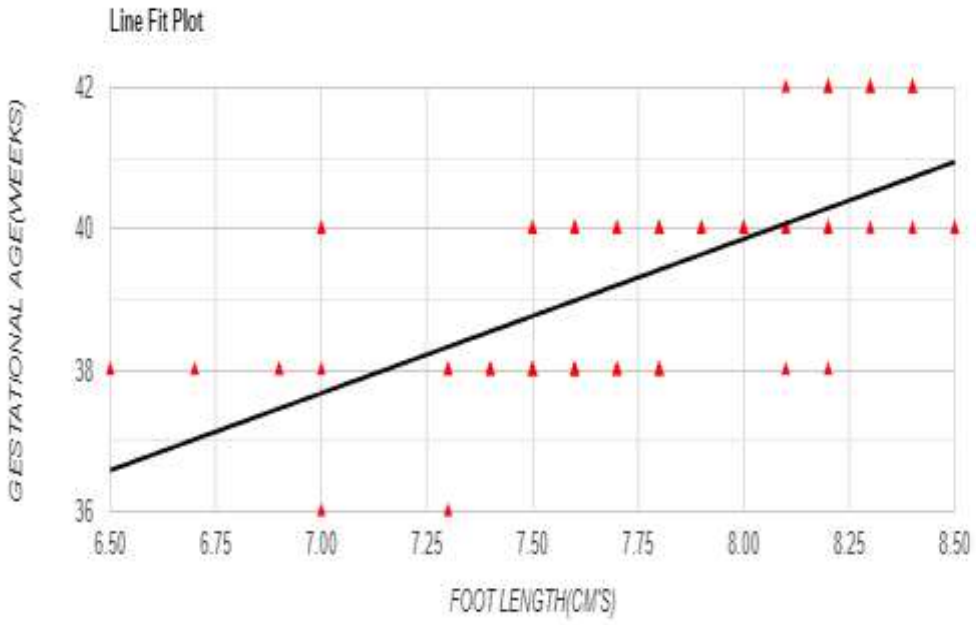
Variable	minimum	maximum	Mean	SD	95% CI of Mean, Lower bound - upper bound
Gestation (weeks)	26	42	38	2.39	38.28-38.61
Foot Length (cm)	4.5	8.8	7.42	0.57	7.38-7.46
Birth weight (Kg)	0.9	4.5	2.68	0.56	2.64-2.72
Crown Heel length(cm)	32	52	46.29	2.88	46.09-46.49
Head circumference (cm)	21.5	38.0	32.45	1.90	32.32-32.58

Pearson correlation coefficient & Linear regression analysis for GA with all anthropometric measurements is shown in the table II.

Table II. Pearson correlation and linear regression analysis between GA and anthropometric variables for study population (n=800)

GA (weeks) vs	Correlation	Correlation	coefficient of	P value of

Anthropometric Variables	coefficient, r	coefficient, r p-value	determination, R^2	R^2
Foot length(cm)	.812	0.001	0.781	<.001
Birth weight (Kg)	.765	0.001	0.665	<.001
CHL (cm)	.721	0.001	0.636	<.001
Head Circumference(cm)	.720	0.001	0.618	<.001



This is evident from the table that the gestational age (GA) has significant ($p < 0.05$) correlation with anthropometric parameters like foot length (FL), birth weight, crown heel length (CHL) & head circumference. Correlation coefficient (r) of all the parameters were positive. Highest Pearson correlation coefficient (r) was observed with foot length ($r = 0.810$) which indicates strong positive association between foot length & GA. The linear regression had highest coefficient of determination $R^2 = 0.781$ ($p < 0.001$) with FL.

R^2 of 0.781 implies that in 78% of babies, GA can be predicted by the equation using foot length.

$$\hat{y} = 2.18262X + 22.39745$$

Figure 1 shows sex distribution among new born:

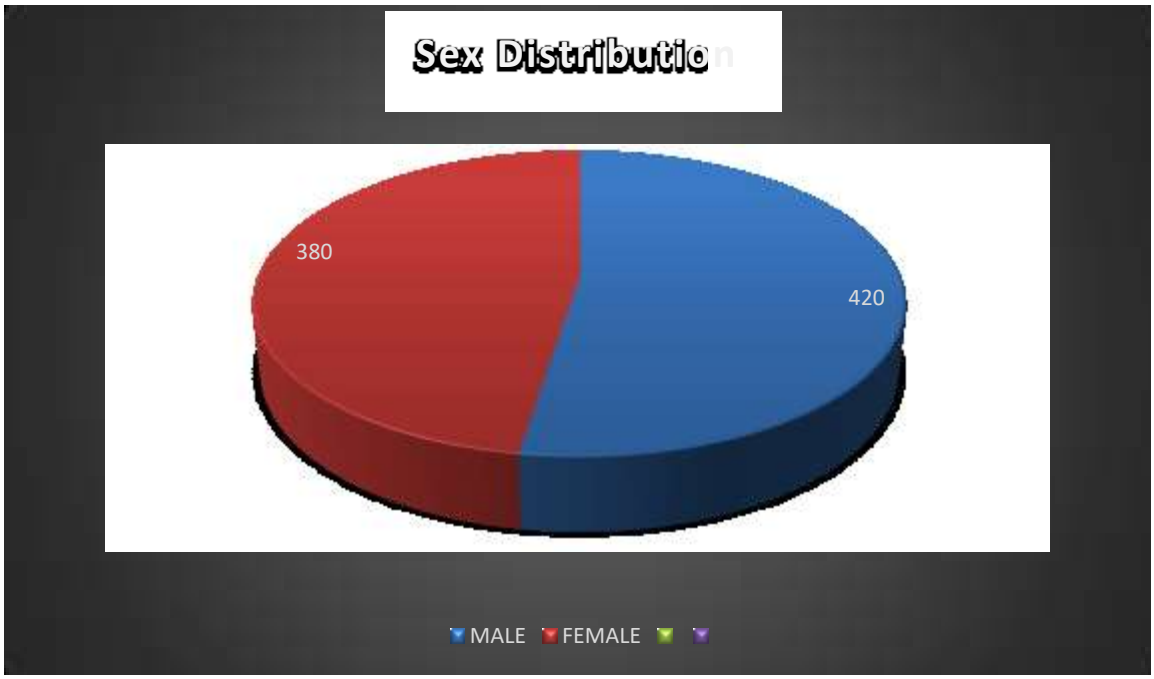
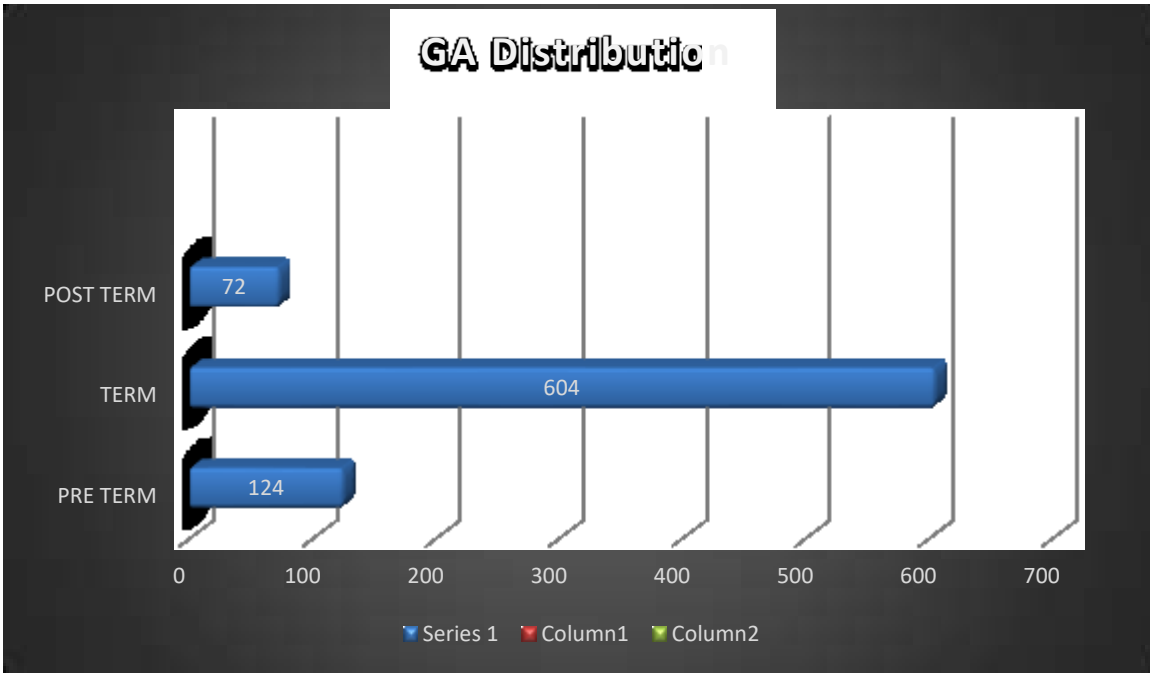


Figure 2 representing gestational age of the new born


GA Distributio
POST TERM
TERM
PRE TERM
72
604
124
0
100
200
300
400
500
600
700
Series 1
Column1
Column2

Discussion

In present study 800 new-born were included of which 75.5% were term,9% and 15.5%were post term& preterm respectively. Statistically significant difference was seen between Mean FL in the pre-term and term babies [6.69cm (SD + 0.56) and 7.42 cm (SD + 0.57) respectively ($p < 0.0001$)]. Pearson's correlation coefficient between GA versus FL, birth weight, length and head circumference showed significant positive correlation in the decreasing order [maximum with FL ($r = 0.812$)]. Linear regression analysis for GA with FL also had highest coefficient of determination $R2 = 0.781$ ($P < 0.001$).

The results in present study are drawn from overall new-born population while previous studies have reported stronger correlation between GA and anthropometric parameters in preterm than in post term & term babies. Fetal growth and thus FL can be affected in SGA and LGA babies and correlation becomes less evident in them as compared to AGA babies(19,20,23).Tenali et al. reported that FL is strongly correlated with gestational age in preterm AGA, SGA and term AGA babies (< 0.001) as compared to term SGA & post term AGA,SGA babies(24).In their study Tenali et al documented that FL measurement was useful for quick estimation of gestational age in preterm and term neonates for early referral of new-born requiring special care and is even performable by entry-level healthcare professionals.

Corresponding to GA of 37 weeks, the cut-off value of FL found by different studies range from 7.7 cm(9),7.37 cm(20) to 6.83cm(8) which can be explained by the difference in population characteristics in these studies. Mukherjee et al. reported that foot length < 7.75 cm had 92.3% sensitivity and 86.3% specificity, for preterm new-born identification(14).They reported that for LBW babies (<2500 gm) a foot length less than 7.85 cm has 100% sensitivity and 95.3% specificity the while Foot length less than 6.85 cm has 100% sensitivity and 94.9% specificity for identification of VLBW babies (<1500 gm).

In present study the high correlation between GA & FL is in concordance with the observations of Senthil Kumar et al(1)they demonstrated the positive correlation between FL and gestational age determined by LMP ($r = 0.965$) and ultrasound ($r = 0.964$).

An important finding of present study was that all the four anthropometric measurements correlated well with GA. This is in concordance with the results of a study from rural part of India, in which enrolled over 1000 babies of 28 to 43 weeks GA to find the best

parameter for GA assessment. They reported that amongst all anthropometric parameters individually, FL had maximum positive correlation (r = 0.878) with GA followed by BW (r = 0.799), HC (r = 0.766) and crown to heel length (r = 0.764) respectively.

Contrary to our result, Lee et al showed that neonatal anthropometry had poor performance to classify preterm new-born. They concluded that newborn foot length < 75 mm had only 64% sensitivity and 35% specificity for diagnosing preterm status. P,

Summary & Conclusion

SUMMARY & CONCLUSION

The present-day study is conducted in the Department of pediatrics, Santosh medical college and hospital, Ghaziabad, Uttar Pradesh on neonates born in Santosh medical college and hospital, Ghaziabad, from a period of February 2022 to September 2022. Information is collected by primary investigator post graduate within 24 hours of life.

- Present day study enrolled 800 new born 420(54.67%) were male babies and 380(45.33%) were female babies.
- 604(75.5%) were term, 124(15.5%) were preterm and 72(9%) post term babies.
- LBW babies were (203(25.4%) with higher proportion of pre terms compared to small for gestational age(SGA).large for gestational age(LGA) babies were 3.2%.
- Mean foot length in term new born was 7.42 cm (SD+0.57), while it was 6.69 cm (+0.56) in pre term AGA babies and 6.15 cm (SD+0.07) In preterm SGA babies. The difference between term and pre term foot length was statistically significant (P< 0.0001).
- In our study we found out Gestational age has a significant (P<0.05) correlation with anthropometric parameters like foot length (FL), birth weight, crown heel length (CHL) and head circumference
- Correlation coefficient (r) of all the parameters were positive
- Highest Pearson correlation coefficient (r) was observed with foot length and gestational age.

- The linear regression had highest coefficient of determination R^2=0.781(P<0.001) with foot length.

Conclusion:

Foot length can be used as a reliable tool for assessment of gestational age with foot length. From our study we found out there is significant degree of

correlation between foot length and gestational age. As it is a simple tool to estimate gestational can even be performed by basic health care worker.

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Annexure

PROFORMA

SANTOSH MEDICAL COLLEGE & HOSPITAL

PATIENT INFORMATION SHEET

Serial no:

Name:

IP No of mother

Date of examination :

Age(hrs):

sex: Male Female

LMP:

GESTATIONAL AGE(AS PER LMP)……WEEKS
PRETERM/TERM/POST TERM

FOOT LENGTH(in cm):

HEAD CIRCUMFERENCE(in cm):

Crown heel length(in cm) :

Birth weight(kg):

SGA/AGA/LGA :

SANTOSH MEDICAL COLLEGE & HOSPITAL

CONSENT FORM

I ……. S/O, D/O ……R/O ……... have been explained by Dr. SATYANARAYANA RAO VELDI about the implications and risks of the study. I volunteer to take part in the study titled **"UTILITY OF FOOT LENGTH FOR IDENTIFICATION OF PRE-TERM NEONATES : A HOSPITAL BASED CROSS-SECTIONAL STUDY**" I have been explained the purpose of the study to my satisfaction.

I hereby give my consent to be enrolled in the study.

Signature of volunteer/guardian

Signature of Investigator

Signature of Witness Phone No.

SANTOSH MEDICAL COLLEGE & HOSPITAL

Informed Consent Form

I ……. son/daughter/wife of……. resident of ……. give my full and voluntary consent to be included as a subject in the study "**UTILITY OF FOOT LENGTH FOR IDENTIFICATION OF PRE TERM NEONATES:A HOSPITAL BASED CROSS-SECTIONAL STUDY**"that the study will be conducted in Santosh Hospital. I have been explained, in my own language, and to my full satisfaction, the aim and nature of the study and the risks. I have also been explained that my confidentiality will be maintained, and All the investigations/interventions will be carried out only after my consent is obtained. I am aware of my right to opt out of the study at any point without giving any reason, and without penalty or loss of routine care benefits. My project does not involve any risk.

Thumb Impression/Signature

Name of the Participant

Address of Participant Phone No.-

Date & Time

Dr DEVRAJ SINGH RATHORE Phone No.-
P.G.Student –MD Paediatrics
Santosh Hospital, Ghaziabad

संतोष मेडिकल कॉलेज और अस्पताल

सहमतिपत्र

मैं_____ पुत्र / पुत्री /धर्मपत्नी _____ निवासी_____ को डॉक्टर DEVRAJ SINGH RATHORE द्वारा इस शोधकार्य के सम्बन्ध में "**UTILITY OF FOOT LENGTH FOR IDENTIFICATION OF PRE-TERM NEONATES: A HOSPITAL BASED CROSS SECTIONAL STUDY**" होने वाली हानि के बारे में समझा दिया है और मैं इच्छापूर्वक इस शोधकार्य जिसका शीर्षक है और इस शोधकार्य के बारे में समझा दिया गया है **।** अतः मैं उपरोक्त विषय पर शोध कार्य में हिस्सा लेने के लिए सहमत हूँ **।** मुझे समझा दिया गया है की किसी प्रतिकूल प्रतिक्रिया के होने पर इलाज और मुआवजे की ज़िम्मेदारी जांच अधिकारी की है **।** मेरी सभी जानकारी गुप्त रखी जाएगी और मुझे किसी भी समय यह जांच छोड़ने का पूरा अधिकार है **।** मुझे समझा दिया गया है की इस जांच के दौरान मुझे कोई खतरा नहीं है **।**

हस्ताक्षर

जांचअधिकारीकेहस्ताक्षर

गवाह

दूरभाषनंबर

दिनांक

Master Chart

MASTER CHART

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
1	Suvarna	Female	38	7.5	33	48	3.0	AGA	T
2	Komala	Male	40	7.6	33	49	2.6	AGA	T
3	Geetha	Male	38	7.5	34	48.5	2.5	AGA	T
4	Sahana	Female	40	7.8	33.3	49	2.6	AGA	T
5	Rajeswari	Male	40	7.8	32.8	49.2	2.7	AGA	T
6	Sakamma	Male	38	7.6	33	49	2.5	AGA	T
7	Mangala	Female	40	7.9	34.5	49	2.75	AGA	T
8	Shilpa	Female	36	7.3	33	48	2.4	AGA	PT
9	Lakshmi	Female	40	8.0	34	49.5	2.75	AGA	T
10	Manjula	Male	42	8.2	35	50	3.25	AGA	Post T
11	Veena	Male	40	7.6	34	49	2.55	AGA	T
12	Gowri	Male	38	7.7	33.5	48.5	2.6	AGA	T
13	Mahalakshmi	Male	40	8.2	34	50	3.5	AGA	T
14	Devamani	Female	38	7.6	32.5	47.5	2.7	AGA	T
15	Shylaja	Female	40	7.9	34.5	49	3.2	AGA	T
16	Pramila	Male	38	6.9	32	45	2.2	SGA	T
17	Gowri	Male	40	7.0	32	45	2.2	SGA	T
18	Sowmya	Female	38	7.4	32.5	47	2.5	AGA	T
19	Usha	Male	38	7.8	33.5	48.5	3.0	AGA	T
20	Sudha	Female	38	7.6	34	48	2.7	AGA	T
21	Hema	Male	38	7.5	33	48	2.6	AGA	T
22	Mani	Male	40	7.7	33.5	48	2.6	AGA	T
23	Sudha	Female	40	8.2	35	49	3.85	LGA	T
24	Rajeswari	Female	38	7.8	34	48.5	2.9	AGA	T
25	Roopa	Female	38	7.5	33	47.5	2.5	AGA	T
26	Savitha	Male	38	7.6	34	48	2.5	AGA	T
27	Kalavathi	Female	40	8.5	35	50	3.8	LGA	T
28	Shahana	Female	40	8.2	35	49	3.2	AGA	T
29	Meenakshi	Male	38	7.7	34	48	2.5	AGA	T
30	Lalitha	Female	40	8.0	34.5	48.5	2.7	AGA	T
31	Tulasi	Female	42	8.3	35.5	50	3.2	AGA	Post T
32	Samina Banu	Female	40	8.1	33.5	49	2.75	AGA	T
33	Siddarajamma	Male	40	7.8	35	48.5	2.75	AGA	T
34	Manjula	Female	40	7.7	35	48	2.75	AGA	T
35	Diana	Male	38	7.5	35	48	2.5	AGA	T
36	Gayathri	Female	42	8.4	34.5	50	3.5	AGA	Post T
37	Nethra	Female	40	7.9	34.2	48.8	3.2	AGA	T
38	Shobha	Male	40	8.1	34.7	49.5	3.25	AGA	T
39	Vasantha	Male	40	8.0	34.5	49	2.75	AGA	T
40	Naveena Kumari	Female	38	7.7	34	49	2.6	AGA	T
41	Nethravathi	Male	38	7.8	33.5	48	2.5	AGA	T
42	Lavitha	Female	38	7.8	32.5	48.5	2.5	AGA	T
43	Ammayya	Male	38	7.7	32.5	47.5	2.5	AGA	T
44	Lakshmi	Female	40	8.3	33	49	2.7	AGA	T
45	Deepa	Male	38	7.5	32.5	48	2.7	AGA	T
46	Chandrakala	Female	40	8.0	33	48.5	2.6	AGA	T
47	Nandini	Male	38	7.7	33	48	2.6	AGA	T
48	Anupama	Female	38	7.4	33	48	2.5	AGA	T
49	Thriveni	Female	38	7.6	33.5	48.5	2.8	AGA	T
50	Chandrika	Female	42	8.3	35.2	50	3.6	AGA	Post T
51	Shobha	Male	40	7.8	32.7	47.5	2.75	AGA	T
52	Suvarna	Male	40	8.0	34.5	48.5	3.25	AGA	T
53	Sasikala	Male	38	7.4	33.5	49	2.5	AGA	T
54	Roja	Female	38	8.2	35	50	3.25	AGA	T
55	Ayesha	Female	38	8.1	34	49	3.0	AGA	T
56	Padma	Female	38	6.7	31.5	46	2.0	SGA	T
57	Lakshmi	Male	40	7.6	32.5	46.5	2.6	AGA	T
58	Suma	Female	38	7.3	32.5	47	2.2	SGA	T
59	Rekha	Female	40	8.1	34	50	3.2	AGA	T
60	Asha	Female	40	7.8	33	49	2.8	AGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
61	Rani	Female	38	7.5	33	47	2.5	AGA	T
62	Kumari	Female	36	7.0	31	46	2.1	AGA	PT
63	Vani	Female	40	8.4	34.5	50	3.25	AGA	T
64	Prema	Female	40	8.2	33.8	49	3.0	AGA	T
65	Asha	Female	38	7.6	33.7	48	2.5	AGA	T
66	Madhumalathi	Male	38	7.5	33.5	48	2.5	AGA	T
67	Divya	Male	40	7.5	32.5	48	2.6	AGA	T
68	Roopa	Female	38	7.0	31.5	47	2.2	SGA	T
69	Savitha	Female	40	8.2	34.5	49.5	3.25	AGA	T
70	Lakshmi	Female	38	7.3	31.5	47.5	2.5	AGA	T
71	Asha	Male	42	8.4	35.2	50	3.7	AGA	Post T
72	Asma Banu	Male	38	7.8	34.5	48	2.6	AGA	T
73	Nethravathi	Male	40	7.9	35	49	3.1	AGA	T
74	Savitha	Male	40	8.1	35	48.5	3.0	AGA	T
75	Bhavya	Female	38	7.6	33	48	2.5	AGA	T
76	Anupama	Female	40	7.8	33	48.5	3.0	AGA	T
77	Veena	Female	42	8.1	34	49.5	3.2	AGA	Post T
78	Sudha	Male	42	8.2	33.5	48.5	3.0	AGA	Post T
79	Chandramma	Male	38	7.4	32.5	48	2.4	AGA	T
80	Lakshmi	Female	40	8.5	35	50	3.85	LGA	T
81	Shah Taj	Male	38	7.4	33.2	47.5	2.5	AGA	T
82	Dhakshayini	Male	40	7.6	33.1	48.5	2.8	AGA	T
83	Tamilarasi	Male	42	8.3	34.5	50	3.5	AGA	Post T
84	Lakshmi	Male	38	6.5	32.5	43	2.0	SGA	T
85	Divya	Male	40	7.5	33.5	48	2.9	AGA	T
86	Rukmini	Male	40	7.7	33.5	48	3.0	AGA	T
87	Asha	Female	38	7.8	34	47	2.9	AGA	T
88	Vasantha	Female	40	7.6	34	49	3.0	AGA	T
89	Pushpalatha	Male	38	7.3	33.5	48	2.5	AGA	T
90	Sasirekha	Female	40	7.0	31.5	45	2.1	SGA	T
91	Anju	Male	40	7.5	34	48	2.7	AGA	T
92	Agma	Female	40	7.6	33.5	48	2.7	AGA	T
93	Geetha	Female	38	7.6	33	48	2.7	AGA	T
94	Anjum Banu	Male	40	7.7	33.5	48.5	2.8	AGA	T
95	Bhavani	Male	42	8.2	35	49.5	3.75	AGA	Post T
96	Kavitha	Male	38	6.9	32.5	46.5	2.2	SGA	T
97	Nandini	Female	40	7.6	33	49	3.15	AGA	T
98	Saraswathi	Female	40	7.6	33	49	3.0	AGA	T
99	Subhalakshmi	Male	40	7.5	33.5	49	3.1	AGA	T
100	Saraswathi	Female	42	8.4	34	50	3.25	AGA	Post T
101	Krupa	Female	38	7.2	33.5	47.5	2.5	AGA	T
102	Prameela	Male	40	7.5	34	48.5	2.75	AGA	T
103	Chandramma	Female	40	7.8	34	49	3.0	AGA	T
104	Subhalakshmi	Male	40	7.7	34.1	49	2.8	AGA	T
105	Saraswathi	Female	40	7.7	34	49.5	3.0	AGA	T
106	Nandini	Male	42	8.0	34	50	3.25	AGA	Post T
107	Mamatha	Female	42	8.0	33.8	49	3.25	AGA	Post T
108	Shemeem	Female	40	7.9	34	49	3.0	AGA	T
109	Rekha	Female	38	7.3	33.8	48.5	2.5	AGA	T
110	Bhagya	Female	38	7.5	33.2	48.5	2.8	AGA	T
111	Anupama	Female	38	7.7	33.4	48	2.7	AGA	T
112	Thasim Banu	Male	38	7.8	34	49	3.1	AGA	T
113	Padma	Female	40	7.8	34	50	3.25	AGA	T
114	Manjula	Female	34	6.8	32	46	1.75	AGA	PT
115	Latha	Male	38	7.2	32.8	46.8	2.2	SGA	T
116	Radhika	Male	40	8.0	36	49.5	3.6	AGA	T
117	Jeevaratna	Female	38	7.0	32.5	46	2.0	SGA	T
118	Prabha	Male	38	7.2	32.5	47	2.4	AGA	T
119	Padma	Female	42	7.8	33.5	49	3.25	AGA	Post T
120	Madevamma	Female	38	7.3	33	48	2.4	AGA	T
121	Shashi	Female	38	7.5	33.2	48	2.6	AGA	T
122	Aisha	Male	38	7.4	33.6	48	2.8	AGA	T
123	Shashi	Male	42	8.0	35	48.5	3.6	AGA	Post T
124	Kusuma	Male	38	7.4	33	48.5	2.8	AGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
125	Preethi	Male	38	7.3	32.5	48	2.6	AGA	T
126	Savitha	Male	40	7.6	33.5	49	2.8	AGA	T
127	Pavithra	Male	38	7.3	33	48.5	2.5	AGA	T
128	Hemavathi	Female	40	7.8	34.2	50	3.25	AGA	T
129	Jyothi	Female	42	7.8	34.3	50.5	3.6	AGA	Post T
130	Lakshmi	Male	40	7.8	34.2	49.5	3.5	AGA	T
131	Savitha	Male	38	7.5	34	49.5	2.9	AGA	T
132	Maryleena	Male	38	7.5	33.2	48	2.6	AGA	T
133	Shwetha	Male	40	7.7	34	49	3.1	AGA	T
134	Lakshmi	Male	38	7.1	32	46.5	2.2	SGA	T
135	Mallika Banu	Male	38	7.6	33.5	49	3.0	AGA	T
136	Chanchala	Female	38	7.2	32.1	46.5	2.2	SGA	T
137	Vasantha	Female	40	7.7	34	49	3.2	AGA	T
138	Jayasheela	Female	38	7.6	33.6	49	3.1	AGA	T
139	Safeen Taj	Female	40	7.7	34	49.5	3.0	AGA	T
140	Mahalakshmi	Male	38	7.4	33.5	49	3.0	AGA	T
141	Anitha	Male	38	7.4	33.5	49	3.0	AGA	T
142	Manjula	Male	38	7.1	31.8	45.5	2.0	SGA	T
143	Shashi	Female	40	7.5	33.5	49	3.0	AGA	T
144	Anusha Banu	Female	38	7.3	32.5	48	2.5	AGA	T
145	Jyothi	Female	38	7.6	33.5	49	3.0	AGA	T
146	Anitha	Male	40	7.6	34.2	48.5	3.0	AGA	T
147	Padma	Female	38	7.3	32.8	48.5	2.5	AGA	T
148	Shivamma	Female	34	7.0	29.8	45.5	2.0	AGA	PT
149	Jayanthi	Female	38	7.0	30.2	47	2.2	SGA	T
150	Padma	Female	38	7.2	33.5	48.5	2.5	AGA	T
151	Indrani	Female	38	7.4	33.5	49.5	3.0	AGA	T
152	Krishna	Female	40	8.3	34	49.5	3.5	AGA	T
153	Asma Firdoz	Male	36	7.8	33.5	48	2.75	AGA	PT
154	Jyothi	Female	40	7.7	34	48.5	2.75	AGA	T
155	Vijayalakshmi	Female	38	7.6	32.5	48	2.5	AGA	T
156	Sumayya Kouser	Male	38	7.5	32	47.5	2.5	AGA	T
157	Sumithra	Female	38	7.6	32.5	48	2.2	SGA	T
158	Padma	Male	36	6.5	29.5	45	1.5	SGA	PT
159	Rathna	Female	38	7.6	33.5	48	2.5	AGA	T
160	Shobha	Female	42	7.6	33	48	2.8	AGA	Post T
161	Saroja	Female	40	8.2	34	49.5	3.4	AGA	T
162	Veena	Male	34	6.7	28	38	1.4	SGA	PT
163	Fajiya	Male	36	7.4	31.5	46.5	2.25	AGA	PT
164	Savitha	Female	42	7.7	33.5	48	2.8	AGA	Post T
165	Kumari	Male	38	7.6	35	50	3.0	AGA	T
166	Gulnaaz	Female	40	8.0	35.5	51	3.75	LGA	T
167	Bhagya	Male	38	7.7	33.5	49	2.85	AGA	T
168	Suvarna	Male	38	7.4	33	47.5	2.6	AGA	T
169	Mukeer Taj	Male	40	8.4	33.8	48.5	3.2	AGA	T
170	Kavya	Female	38	6.9	31	45	2.1	SGA	T
171	Shilpa	Male	40	7.9	33.5	50	3.0	AGA	T
172	Shanthi	Female	38	7.4	33	49	2.5	AGA	T
173	Revamma	Male	40	8.4	33.5	50	3.4	AGA	T
174	Lolakshi	Male	40	7.7	33	48.5	2.75	AGA	T
175	Hajeera Banu	Male	38	7.3	33	49	2.6	AGA	T
176	Chikthayamma	Male	40	7.7	33	48.5	2.75	AGA	T
177	Chandrakalavathi	Male	40	8.0	35	49.5	3.6	AGA	T
178	Mala	Male	38	7.8	33.5	48.5	2.7	AGA	T
179	Savitha	Male	36	7.2	32	47	2.4	AGA	PT
180	Usha	Female	38	6.7	30.5	45	1.7	SGA	T
181	Lakshmi	Female	40	7.3	33	45.5	2.25	SGA	T
182	Sreemathi	Female	38	8.1	33.5	49	3.5	AGA	T
183	Lakshmi	Female	38	7.3	32.5	48	2.5	AGA	T
184	Uma	Female	40	7.5	32.5	48.5	2.75	AGA	T
185	Ume Salma	Female	40	7.7	33	49	2.75	AGA	T
186	Latha	Female	38	7.5	33	49	2.5	AGA	T
187	Seema Kausar	Male	40	7.7	33	49.5	2.75	AGA	T
188	Chikkamani	Female	40	7.8	33.5	49	2.75	AGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
189	Latha	Female	40	8.2	34.5	50	3.4	AGA	T
190	Sheela	Female	40	7.8	33.5	49	3.0	AGA	T
191	Mangalamma	Male	40	8.2	34.5	50	3.5	AGA	T
192	Saniya	Female	40	7.7	34	48	2.6	AGA	T
193	Sasikala	Male	38	7.7	33.5	48	2.7	AGA	T
194	Manjula	Female	34	7.5	33	48	2.6	AGA	PT
195	Mahalakshmi	Female	40	8.0	33	49	3.0	AGA	T
196	Gulafar	Female	40	8.2	33.5	49	3.2	AGA	T
197	Yasmeen	Female	38	7.3	33.5	49	2.5	AGA	T
198	Sowmya	Male	38	7.2	33.2	48.5	2.4	AGA	T
199	Savitha	Female	40	7.5	33.8	49.5	2.75	AGA	T
200	Geetha	Female	40	7.5	34	49.8	2.75	AGA	T
201	Lakshmi	Male	36	6.5	29	42	1.8	SGA	PT
202	Asha	Male	32	6.2	29.5	41.2	1.5	AGA	PT
203	Nethravathi	Male	40	7.2	31	47	2.3	SGA	T
204	Devamma	Male	38	7.8	34	50	3	AGA	T
205	Ranjini	Male	40	8.0	33	49	2.9	AGA	T
206	Salma Banu	Female	40	8	33	48	3.25	AGA	T
207	Lakshmi	Female	38	7.8	31.7	47	2.5	AGA	T
208	Savitha	Male	38	7.5	32.5	44	2.5	AGA	T
209	Shivamma	Male	40	8.2	35	50	3.2	AGA	T
210	Sayalakshmi	Female	38	7.5	32	46	2.4	AGA	T
211	Poornima	Female	40	8.5	35	49	3.4	AGA	T
212	Mamatha	Male	42	8.2	32.5	48	2.5	SGA	Post T
213	Nagarathna	Male	38	7.6	34	48	2.4	AGA	T
214	Madevi	Male	38	8.0	32	48	2.54	AGA	T
215	Shwetha	Male	34	7.6	30	45	2	AGA	PT
216	Thayamma	Female	38	8	31.2	48	2.7	AGA	T
217	Nethravathi	Male	40	7.8	32	49	2.3	SGA	T
218	Mangala	Male	38	8.7	33.3	48	3.25	AGA	T
219	Neelavathi	Female	38	7.8	32.7	48	2.5	AGA	T
220	Sharadamma	Male	38	8.0	34.2	47	3.2	AGA	T
221	Lalitha	Female	40	7.8	31.2	46	2.25	SGA	T
222	Suvarna	Male	40	8.2	34.5	50	3.5	AGA	T
223	Lakshmi Devi	Male	40	8	31.5	48	2.75	AGA	T
224	Mangalagowri	Female	36	7.2	31.6	47	2.4	AGA	PT
225	Fazila	Male	36	7.1	28.6	47	2.25	AGA	PT
226	Sumithra	Female	40	7.5	30.4	48	2.2	SGA	T
227	Sudha	Female	38	7.8	32.2	48	2.5	AGA	T
228	Sujatha	Female	40	7.4	32	47.5	2.25	SGA	T
229	Gayathri	Female	38	7.5	31.4	45	2.5	AGA	T
230	Sukanya	Female	38	7.3	31.5	44	2.5	AGA	T
231	Annapurna	Female	38	8.6	34	46	3.75	LGA	T
232	Sheela	Male	40	8.6	32.7	46	3.8	LGA	T
233	Radhamma	Male	38	7.8	30.5	45	2.75	AGA	T
234	Shabeena Banu	Male	38	8.6	32	46	3	AGA	T
235	Anuradha	Female	40	8.2	32.5	48	3.0	AGA	T
236	Nagamma	Female	40	8.2	32.2	45	3.4	AGA	T
237	Manjula	Male	40	8.2	33.2	47	3.4	AGA	T
238	Madevamma	Female	38	7.7	32.5	47	2.6	AGA	T
239	Navya	Female	42	8.2	32.5	47	2.6	SGA	Post T
240	Sasikala	Female	38	8.3	33	47	2.5	AGA	T
241	Neela	Female	38	8.1	30.5	48	2.6	AGA	T
242	Jyothi	Female	42	7.4	32.5	46	2.3	SGA	Post T
243	Latha	Female	40	7	31.7	48	2.4	SGA	T
244	Sasikala	Female	38	7.4	30	47	2.2	SGA	T
245	Ashwini	Male	40	8.1	34	48	3	AGA	T
246	Susheela	Female	36	7.7	32.5	45	2	AGA	PT
247	Manjula	Male	40	8.6	32.5	47	3	AGA	T
248	Parvathi	Female	38	7.8	32.7	47	2.5	AGA	T
249	Savitha	Female	38	8.4	33	47	2.9	AGA	T
250	Seema	Female	40	8.4	34	48	2.6	AGA	T
251	Geetha	Male	42	7.3	33.5	47	2.5	SGA	Post T
252	Deepika	Male	40	7.5	33	47	3.4	AGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
253	Maheswari	Male	40	7.6	33	47	2.9	AGA	T
254	Rekha	Male	38	7.1	31	44	2.2	SGA	T
255	Mangalamma	Male	40	7.7	33	47	2.6	AGA	T
256	Sudha	Female	40	7.6	32	47	3	AGA	T
257	Rani	Male	40	7.5	32	46	2.35	SGA	T
258	Neelavathi	Male	38	8.2	32	48	3.6	LGA	T
259	Aisha Banu	Male	38	8.1	32.5	47	3	AGA	T
260	Jyothi	Female	36	7	31	45	2.5	AGA	PT
261	Devika	Male	34	7.2	31.5	46.5	2.6	AGA	PT
262	Savitha	Male	36	7.8	31.5	46	2.5	AGA	PT
263	Rahamuthenija	Male	38	6.8	29	44	2.2	SGA	T
264	Reshma Banu	Male	38	7.8	32.5	48	3.4	AGA	T
265	Gowramma	Female	38	7.8	32.2	45	2.5	AGA	T
266	Salma Banu	Female	40	7.7	32.5	47	2.6	AGA	T
267	Lakshmi	Male	40	7.4	32	46	2.6	AGA	T
268	Parveen Taj	Female	38	7.2	32	45	2.4	AGA	T
269	Puttamani	Male	38	7.6	34.5	47	3.5	AGA	T
270	Vallikumari	Female	42	8.0	32	44	2.6	SGA	Post T
271	Shobha	Male	38	7.8	33.5	47	4.25	LGA	T
272	Shunga Bai	Male	40	7.6	31.4	47	2.6	AGA	T
273	Anitha	Male	36	7.7	30.8	45	2.5	AGA	PT
274	Nagamma	Female	42	8.2	32.1	45	3.5	AGA	Post T
275	Madevamma	Male	38	7.4	32.8	46	2.5	AGA	T
276	Jaya	Male	40	7.7	31.7	47	2.6	AGA	T
277	Chandraprabha	Female	40	8.1	32.8	48	3.4	AGA	T
278	Kendamma	Female	38	7.4	32.1	46	2.5	AGA	T
279	Kanchana	Male	32	6.6	29.5	41	1.75	AGA	PT
280	Varalakshmi	Female	30	6	25.5	38	1.2	AGA	PT
281	Pushpalatha	Female	32	6.2	27.6	41	1.4	AGA	PT
282	Tasmia	Male	38	7.8	33	43	2.5	AGA	T
283	Doddamma	Female	34	7.2	31	42	2.25	AGA	PT
284	Nagamma	Female	42	8.2	35	47	3.5	AGA	Post T
285	Lakshmi	Male	40	8	34	47	3.5	AGA	T
286	Bharathi	Female	38	7.9	33.2	46	3.0	AGA	T
287	Renuka	Female	36	7.2	28.5	41	2.0	AGA	PT
288	Savitha	Male	38	8.0	33.2	45	3.0	AGA	T
289	Ashwini	Male	36	6.8	30	40	1.8	SGA	PT
290	Puttalakshmi	Male	38	8.4	33.4	45	3.6	LGA	T
291	Latha	Female	40	7.3	31.6	48	2.6	AGA	T
292	Thulsamma	Male	38	7.5	32	47	2.5	AGA	T
293	Manasa	Male	42	7.3	31	48	2.6	SGA	Post T
294	Shyla	Female	34	5.5	27.5	40	1.4	SGA	PT
295	Nagamma	Male	36	6.6	28	41	1.75	SGA	PT
296	Sunitha	Female	34	5.5	25	38	1.2	SGA	PT
297	Anitha	Female	40	7.2	34.5	47	3	AGA	T
298	Lakshmi	Female	36	7.2	31.5	45	2.7	AGA	PT
299	Rani	Female	38	7.8	31.2	44	2.5	AGA	T
300	Neelamma	Male	40	7.6	35	46	3.5	AGA	T
301	Bhagya	Male	40	7.3	32	45	3	AGA	T
302	Girija	Male	38	7.4	30	45	2.3	AGA	T
303	Varalakshmi	Male	38	7.7	32	45	3	AGA	T
304	Sowmya	Female	38	6.7	32	46	2.5	AGA	T
305	Suma	Male	38	7.7	33	48	3.6	LGA	T
306	Parvathi	Male	42	7	32	44	2.6	SGA	Post T
307	Sruthi	Female	38	7.2	31	47	2.4	AGA	T
308	Suma	Female	38	6.8	31	45	2.5	AGA	T
309	Kavitha	Male	40	7.2	33.5	46	3.4	AGA	T
310	Shwetha	Male	40	7.5	34	50	3.25	AGA	T
311	Lakshmi	Male	38	6	29	44	2.1	SGA	T
312	Mamatha	Female	38	7.2	31.5	48	3.25	AGA	T
313	Anitha	Male	40	7.1	31	45	2.4	SGA	T
314	Anusree	Male	42	8.2	34	48	3.4	AGA	Post T
315	Sudha	Male	38	7.7	33	46	3.1	AGA	T
316	Poornima	Male	34	6.8	29.5	43	1.8	AGA	PT

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
317	Thulasi	Female	42	7.7	33	48	3.25	AGA	Post T
318	Manjula	Male	40	8.2	33.8	49	3.2	AGA	T
319	Amreen Taj	Male	34	7	30.5	45	2.3	AGA	PT
320	Vasantha	Female	38	7.3	31	48	2	SGA	T
321	Geetha	Female	34	6.7	28.5	41	2	AGA	PT
322	Divya	Female	40	7.1	32.5	45	2.7	AGA	T
323	Manjula	Male	34	7	33.8	49	1.7	AGA	PT
324	Varalakshmi	Female	40	7.8	32	49	3	AGA	T
325	Shilpa	Male	40	7.6	35	48	3.4	AGA	T
326	Bhagya	Male	40	7.4	34	48	3.4	AGA	T
327	Prema	Female	40	7.7	34.5	45	3.4	AGA	T
328	Bhagya	Male	36	7.2	31	42	2.5	AGA	PT
329	Puttamma	Male	38	7.8	32	42	2.7	AGA	T
330	Mangala	Male	40	7.2	34	48	3.0	AGA	T
331	Padma	Male	38	7.1	32	45	2.5	AGA	T
332	Mangalamma	Male	38	7.2	32	45	2.2	SGA	T
333	Rekha	Female	42	7.6	32.5	48	2.5	SGA	Post T
334	Girija	Male	38	7.2	31	45	2.3	AGA	T
335	Amrutha	Male	36	7.0	31.8	44.3	2.5	AGA	PT
336	Shabeen Taj	Male	36	6.9	32	42	2.5	AGA	PT
337	Asha	Male	36	7.2	30	42	2.25	AGA	PT
338	Ayesha Sulthan	Male	40	7.4	34	44	2.75	AGA	T
339	Suma	Male	40	7.8	32.2	48	3.0	AGA	T
340	Prathima	Female	34	6.8	30	43.5	1.9	AGA	PT
341	Savitha	Male	42	8.2	35.4	50	3.5	AGA	Post T
342	Nethravathi	Male	32	6.5	29	41	1.7	AGA	PT
343	Divya	Female	38	7.2	32.5	45	2.7	AGA	T
344	Reshma	Female	38	6.8	33.5	45	3	AGA	T
345	Savitha	Female	38	7.2	32.3	43	3	AGA	T
346	Nagarathna	Male	38	7.8	33	44	2.6	AGA	T
347	Sasikala	Male	40	8.2	33.2	45	3.5	AGA	T
348	Sumithra	Female	38	7	32.5	42	2.5	AGA	T
349	Sindhu	Male	38	7.3	33.1	43	2.7	AGA	T
350	Asha	Female	36	7	30.5	43	2.4	AGA	PT
351	Sahina Banu	Male	38	7.4	34.5	45	3.3	AGA	T
352	Rathnamma	Male	42	8.2	33	46	3.5	AGA	Post T
353	Jyothi	Female	40	7.9	35	50	3.3	AGA	T
354	Rathna	Female	38	7.4	32	48	2.5	AGA	T
355	Suma	Male	34	6.8	32	45	1.9	AGA	PT
356	Latha	Male	40	7.5	33.2	48	2.6	AGA	T
357	Neelavathi	Female	38	7.4	32	44	3.0	AGA	T
358	Kamala	Male	38	6.7	33	43	2.75	AGA	T
359	Manasa	Female	38	7.2	32.4	45	2.5	AGA	T
360	Reshma	Female	42	8.0	34	47	3.5	AGA	Post T
361	Sujatha	Male	36	6.3	32	45	2	AGA	PT
362	Shobha	Male	38	7.3	33	45	3	AGA	T
363	Shilpa	Male	36	7.0	32.5	44	2.75	AGA	PT
364	Saraswathi	Female	38	7.4	33	46	2.6	AGA	T
365	Shwetha	Male	40	8.2	34	50	3.8	LGA	T
366	Srilatha	Male	28	4.7	21.5	34	0.7	SGA	PT
367	Devamma	Male	38	7.0	30	41	2.1	SGA	T
368	Meenakshi	Male	36	7.0	31	44	2.0	AGA	PT
369	Mallikamma	Male	40	7.5	30	48	2.7	AGA	T
370	Jyothi	Male	38	6.8	34	45	2.75	AGA	T
371	Bhagya	Female	38	7.6	32	48	2.5	AGA	T
372	Manjula	Female	38	7.0	30.5	45	2.6	AGA	T
373	Kavya	Female	38	7.6	32	45	2.8	AGA	T
374	Pankaja	Female	36	6.8	31	45	2.0	AGA	PT
375	Kavyamma	Female	38	7	32	48	2.5	AGA	T
376	Madevi	Female	40	7.3	34	48	3.15	AGA	T
377	Chikthayamma	Female	42	8	33	45	2.8	AGA	Post T
378	Kumari	Female	36	6.6	32	40	2.25	AGA	PT
379	Geetha	Male	38	7.8	31.5	45	2.5	AGA	T
380	Manjula	Female	38	6.7	31	42	2	SGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
381	Sowbhagya	Female	40	7.5	34	48	2.65	AGA	T
382	Thara	Male	38	7.5	32	45	3.1	AGA	T
383	Divya	Male	36	7.0	32.5	47	2.5	AGA	PT
384	Sasikala	Male	42	8.4	33.5	47	3.5	AGA	Post T
385	Savitha	Female	38	7.5	33	44	3.0	AGA	T
386	Lalitha	Male	42	8.3	32.5	47	2.6	SGA	Post T
387	Vedavathi	Male	40	7.8	31.5	46	2.9	AGA	T
388	Sumayya	Female	40	7.7	35.5	48	3.5	AGA	T
389	Pushpa	Female	38	7.4	32.5	48	2.9	AGA	T
390	Mahalakshmi	Male	36	7.0	32	45	2.35	AGA	PT
391	Fashana	Female	38	7.5	32	45	2.75	AGA	T
392	Parvathi	Male	38	7.5	36	48	2.5	AGA	T
393	Parvathi	Male	38	7.4	33	46	3.0	AGA	T
394	Jayanthi	Female	38	7.5	32	45	3.6	LGA	T
395	Lakshmi	Female	38	7.4	33.5	47	3	AGA	T
396	Roopa	Female	38	7.4	32	45	2.7	AGA	T
397	Latha	Female	42	8	32	47	3	AGA	Post T
398	Geetha	Male	38	7.2	33	46	2.5	AGA	T
399	Rajour	Male	38	7.4	32	45	2.6	AGA	T
400	Lakshmi	Female	40	7.3	32.5	47	2.9	AGA	T
401	Ratnamma	Male	38	7.1	33	43	2.5	AGA	T
402	Geetha	Female	38	7.2	33	43	2.5	AGA	T
403	Tanuja	Female	38	6.6	29.5	41	1.5	SGA	T
404	Shobha	Male	38	7.5	34.5	45	3.0	AGA	T
405	Rehmathunisa	Male	38	7.7	35.5	48	3.6	LGA	T
406	Lakshmi	Male	38	7.6	34.5	46	2.6	AGA	T
407	Shobha	Female	36	6.6	33	47	2.6	AGA	PT
408	Sudharani	Male	40	7.5	32	46	2.8	AGA	T
409	Vinoda	Female	38	7.2	33	46	3	AGA	T
410	Mani	Female	34	6.4	28	38	1.2	SGA	PT
411	Almasara	Female	40	7.4	33	46	3.1	AGA	T
412	Sudharani	Male	40	7.3	32.8	45	2.8	AGA	T
413	Gulzar Banu	Male	40	7.4	33	46	3.0	AGA	T
414	Gowramma	Female	40	7.4	32	48	3.5	AGA	T
415	Tejaswini	Male	38	7.0	33	47	3.0	AGA	T
416	Prema	Male	38	7.7	33.5	46	3.1	AGA	T
417	Nitu Taj	Male	36	6.6	32	46	2.8	AGA	PT
418	Neelavathi	Female	42	8.0	33	47	2.9	AGA	Post T
419	Manjula Swamy	Female	38	7.0	31	45	2.6	AGA	T
420	Mamatha	Female	36	7.0	33	45	3.3	LGA	PT
421	Sunitha	Female	38	7.0	32.5	48	2.6	AGA	T
422	Shobha	Male	40	7.6	35	48	3	AGA	T
423	Geetha	Male	36	6.8	33	45	2.25	AGA	PT
424	Gulzar	Male	40	7.2	33	45	3.0	AGA	T
425	Hemavathi	Female	40	7.7	33	47	3.5	AGA	T
426	Sasikala	Female	36	7.0	31	42	2.75	AGA	PT
427	Mangalagowri	Male	36	7.0	32	47	2.5	AGA	PT
428	Mamatha	Male	38	7.6	33	45	2.4	AGA	T
429	Vinodha	Female	38	7.7	33.5	48	3.0	AGA	T
430	Bhagyamma	Female	38	7.1	32	45	3	AGA	T
431	Mahagamma	Male	42	7.8	30	45	2.6	SGA	Post T
432	Roopa	Male	40	7.5	34	48	3.4	AGA	T
433	Jyothi	Male	40	7.5	33	47	2.75	AGA	T
434	Roopa	Male	40	7.7	35	44	2.8	AGA	T
435	Jayasheela	Female	40	8	33	44	2.8	AGA	T
436	Nethravathi	Female	38	7.5	34	47	2.6	AGA	T
437	Puttalakshmi	Male	40	8	34	47	3.0	AGA	T
438	Shyla	Male	38	7.5	32	45	3	AGA	T
439	Mangala	Male	38	7.6	33	45	3.25	AGA	T
440	Sunitha	Female	40	8	32	45	3.15	AGA	T
441	Aarathi	Female	38	7.5	33	45	3	AGA	T
442	Sheela	Female	38	7.5	33	46	2.5	AGA	T
443	Manjula	Male	38	7.5	34	47	2.75	AGA	T
444	Pallavi	Male	38	7.4	34	45	2.5	AGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
445	Nagamma	Male	38	7.5	33	44	2.6	AGA	T
446	Nagaratna	Female	36	7.2	32	45	2.4	AGA	PT
447	Ambika	Female	38	7.4	31	42	2.75	AGA	T
448	Sameera Kausar	Male	40	7.6	33.8	45	3.25	AGA	T
449	Lakshmi	Male	38	7.5	34	46	3.6	LGA	T
450	Putti	Male	36	7.0	30	43	1.8	SGA	PT
451	Jayasheela	Male	40	7.7	33	46	3.5	AGA	T
452	Jyothi	Female	40	7.8	34	46	3	AGA	T
453	Yogeswari	Male	42	8.2	33	45	4.25	LGA	Post T
454	Nagamma	Male	36	7.0	32	43	2.75	AGA	PT
455	Asha	Female	40	7.2	32.5	43.5	2.25	SGA	T
456	Anitha	Female	40	7.5	34	43.5	3.2	AGA	T
457	Shobha	Female	40	7.4	33.2	43.4	3.0	AGA	T
458	Mahadevamma	Female	38	7.3	33	43	2.5	AGA	T
459	Geetha	Female	38	7.3	32.8	43	3.6	LGA	T
460	Madevi	Male	38	7.0	33	45	2.5	AGA	T
461	Jyothi	Female	38	7.1	33.5	45	2.75	AGA	T
462	Manjula	Male	42	7.7	34.1	47	3.0	AGA	Post T
463	Sasikala	Male	40	7.5	33.6	46	3.0	AGA	T
464	Savithri	Male	34	6.7	32	43.1	2.3	AGA	PT
465	Radha	Female	38	7.2	34.3	45.5	2.75	AGA	T
466	Mahadevamma	Male	40	7.1	32	46	2.75	AGA	T
467	Rani	Male	32	6.4	30.5	42	1.7	AGA	PT
468	Shobha	Female	38	7.0	31	43	2.5	AGA	T
469	Leela	Male	38	7.2	31	42	2.6	AGA	T
470	Roopa	Female	40	7.6	33.5	46	3.0	AGA	T
471	Sushma	Male	38	7.0	33	45	2.6	AGA	T
472	Poornima	Male	40	7.6	33.5	45	3.8	LGA	T
473	Rani	Male	40	7.7	33	49	3.5	AGA	T
474	Shivamma	Male	38	7.7	32.5	45	3.3	AGA	T
475	Sheela	Male	38	7.1	31	46	2.6	AGA	T
476	Savitha	Male	38	7.2	29.5	43	2.6	AGA	T
477	Lakshmi	Female	38	7.0	30	43.5	2.5	AGA	T
478	Geetha	Female	42	7.7	33	46	2.4	SGA	Post T
479	Pallavi	Male	40	7.0	34	47	3.5	AGA	T
480	Chandrakala	Female	40	7.2	32	44	3.0	AGA	T
481	Vanajakshi	Female	38	7.4	31.5	47	2.8	AGA	T
482	Kalpana	Male	40	7.4	32	45	2.75	AGA	T
483	Manjula	Male	40	6.8	33	46	2.4	SGA	T
484	Shilpa	Male	42	8.1	34.5	45	3.5	AGA	Post T
485	Usha	Male	40	7.7	35	50	4.5	LGA	T
486	Usha	Male	40	7.4	34	48	2.4	SGA	T
487	Radha	Female	38	7.5	34	45	3.15	AGA	T
488	Nithya	Male	42	7.2	32	47	2.75	AGA	Post T
489	Sameer Bama	Female	38	7.4	30	46	2.5	AGA	T
490	Sumathi	Female	42	8.4	32.5	48	3.25	AGA	Post T
491	Asharani	Male	34	6.7	32	47	2	AGA	PT
492	Jayalakshmi	Female	40	7.3	34	51	4	LGA	T
493	Chikthayamma	Male	40	7.8	33	48	3.25	AGA	T
494	Kavitha	Male	38	7.2	33	46	2.5	AGA	T
495	Bhagya	Male	38	7.3	32.3	47	2.0	SGA	T
496	Kavitha	Female	38	7.0	32.7	47	2.5	AGA	T
497	Pavithra	Female	38	5.7	29	42	1.5	SGA	T
498	Bavya	Male	34	7	31	43	2.3	AGA	PT
499	Savitha	Male	38	7.2	32.5	45	2.5	AGA	T
500	Manchamma	Male	34	7.4	31	40	2.4	AGA	PT
501	Rukmini	Male	38	7.7	34.5	46	3.0	AGA	T
502	Bharathi	Male	38	7.3	35	50	3.0	AGA	T
503	Suma	Female	32	6.4	26.5	38	1.5	AGA	PT
504	Lakshmi	Female	42	6.7	31	45	2	SGA	Post T
505	Puttamma	Male	38	7.0	32	48	2.75	AGA	T
506	Maheswari	Female	40	7.1	31.5	43	2.1	SGA	T
507	Bhagyalakshmi	Male	38	5.4	29.5	39	1.1	SGA	T
508	Revathi	Male	40	7.2	33.5	47	2.8	AGA	T
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Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	opriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
509	Bharathi	Male	38	7.3	30	48	2.3	AGA	T
510	Bhagya	Male	34	6.1	30.3	43	2	AGA	PT
511	Pavithra	Male	38	6.7	33	42	2.3	AGA	T
512	Mamatha	Female	38	7.0	30	44	2	SGA	T
513	Rekha	Female	34	6.2	28	40	1.6	AGA	PT
514	Chithra	Male	32	6.3	28	42	1.4	AGA	PT
515	Mangala	Male	34	6.8	28.5	41	1.7	AGA	PT
516	Syedha Banu	Female	40	8.2	34	45	3.3	AGA	T
517	Anitha	Female	32	5.8	26.5	38	1.5	AGA	PT
518	Sowmya	Male	38	7.7	33	45	3.0	AGA	T
519	Rajamma	Female	38	7.0	31	45	2.2	SGA	T
520	Gowramma	Female	40	7.2	33	47	2.6	AGA	T
521	Pramila	Male	38	7.5	34	48	3.0	AGA	T
522	Nagamma	Female	32	6.5	29	41	1.6	AGA	PT
523	Jyothi	Male	36	7	33	43	2.5	AGA	PT
524	Mohd Gouse	Male	38	7	33	42	2.6	AGA	T
525	Radhamani	Female	30	5.9	26	38	1.25	AGA	PT
526	Shilpa	Female	32	6.7	26.5	42	1.5	AGA	PT
527	Rani	Male	32	6.2	30	41.5	1.7	AGA	PT
528	Mamatha	Female	34	6.3	29	42.5	1.5	AGA	PT
529	Usha	Female	38	6.8	33	45	2.2	SGA	T
530	Cheluvamma	Female	34	6.6	26.5	41	1.4	SGA	PT
531	Mamatha	Male	34	6.4	29	42	1.7	AGA	PT
532	Roopa	Male	40	8.0	35	50	3.2	AGA	T
533	Ambika	Female	40	7.3	32.5	48	2.9	AGA	T
534	Sarvamangala	Male	38	7.2	35.5	45	3.0	AGA	T
535	Shilpa	Female	36	6.7	32.5	43	2.6	AGA	PT
536	Vasantha	Male	40	7.3	32.5	47	2.8	AGA	T
537	Muskan Begum	Male	40	7.7	30	45	2.6	AGA	T
538	Seema	Male	40	7.5	33	46	2.4	SGA	T
539	Shivamma	Female	40	7.3	33	48	2.75	AGA	T
540	Lakshmi	Male	42	8.0	33.5	50	3.5	AGA	Post T
541	Sumanthi	Female	38	7.0	31.5	44	2.5	AGA	T
542	Lokeshwari	Female	42	7.6	31.5	42	2.4	SGA	Post T
543	Prathima	Male	42	7.0	32	45	2.25	SGA	Post T
544	Anuradha	Male	40	7.5	33	46	3.1	AGA	T
545	Latha	Male	38	6.6	29	46	1.8	SGA	T
546	Bharathi	Male	30	6.0	27.5	38	1.5	AGA	PT
547	Latha	Female	30	6	28	40	1.5	AGA	PT
548	Savitha	Male	32	6.0	26.5	40	1.2	AGA	PT
549	Kavitha	Male	40	7.6	32.5	48	2.7	AGA	T
550	Saraswathi	Female	32	6.5	29	42	1.5	AGA	PT
551	Puttalakshmi	Female	38	5.6	27	38	1.3	SGA	T
552	Sudhamani	Male	40	7.6	33	48	2.8	AGA	T
553	Gayathri	Male	42	8.7	35	51	3.2	AGA	Post T
554	Manjula	Male	40	7.6	33.5	47	2.9	AGA	T
555	Saritha	Female	38	7.4	32	46	2.75	AGA	T
556	Vani	Male	42	8.1	34	48	3.5	AGA	Post T
557	Sudha	Female	38	7.6	33	48	3.6	LGA	T
558	Sundramma	Female	38	7.2	30.5	44	2.5	AGA	T
559	Lakshmi	Male	40	8.0	32	43	2.4	SGA	T
560	Chandrakala	Male	38	7.4	33	43	2.8	AGA	T
561	Shivamma	Male	36	7.1	32	46	2.5	AGA	PT
562	Ambika	Female	36	6.8	36	42	2.3	AGA	PT
563	Bhavani	Female	36	6.7	31	43	2.25	AGA	PT
564	Suma	Female	38	7.0	32	46	2.6	AGA	T
565	Kumari	Male	40	7.8	33	46	3.4	AGA	T
566	Nayana	Male	40	7.8	33.1	46.5	3.0	AGA	T
567	Shivamma	Male	38	7.7	32.5	46	3.0	AGA	T
568	Nagamma	Male	38	7.4	32.5	47	2.75	AGA	T
569	Sheela	Female	34	6.8	28.5	40	2.0	AGA	PT
570	Mehboob Jaan	Male	38	7.0	30	43	2.5	AGA	T
571	Anjali	Female	40	8.0	32.5	45	2.6	AGA	T
572	Jyothi	Male	40	7.7	32.5	43	2.4	SGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
573	Mangalamma	Male	38	6.6	30.8	41.5	2	SGA	T
574	Nagamma	Male	40	7.9	33.5	43.5	3	AGA	T
575	Aishya	Female	38	7.0	32.5	42	2.3	AGA	T
576	Lakshmi	Female	38	7.4	33.5	45	2.75	AGA	T
577	Nandini	Female	42	7.8	34	47	3.85	LGA	Post T
578	Gowri	Male	42	8.0	34.2	47.5	3.25	AGA	Post T
579	Vijayalakshmi	Female	40	7.4	33.5	47	2.4	SGA	T
580	Sulochana	Female	40	7.1	32.5	44.5	2.3	SGA	T
581	Mahalakshmi	Female	40	7.7	33.5	47	3.0	AGA	T
582	Rekha	Female	38	7.7	33.5	47	2.75	AGA	T
583	Jyothi	Female	40	8.0	35.5	47	3.0	AGA	T
584	Manjula	Female	38	7.3	33	45	2.75	AGA	T
585	Puttalakshmi	Male	38	7.0	32.5	43	2	SGA	T
586	Meenakshi	Male	38	7.0	32.2	45	2.2	SGA	T
587	Poornima	Female	40	7.5	32.5	45	2.4	SGA	T
588	Indira	Male	38	7.0	32	46	2.75	AGA	T
589	Lakshmi	Female	38	6.5	30.5	42	2	SGA	T
590	Saroja	Male	40	7.5	33	45	2.75	AGA	T
591	Parashya Mary	Male	40	7.6	32	45	2.6	AGA	T
592	Mangala	Female	38	7.0	30.5	40	2.0	SGA	T
593	Devamma	Male	36	7.0	28.5	40	2.0	AGA	PT
594	Manjula	Male	40	7.7	32	47	3	AGA	T
595	Indira	Female	38	7.5	32.5	48	2.75	AGA	T
596	Sumitha	Male	42	8.0	33.5	48	3.7	AGA	Post T
597	Rathnamma	Male	38	7.2	33.5	44	3	AGA	T
598	Mahalakshmi	Female	34	6.1	28	39	1.8	AGA	PT
599	Poornima	Male	38	7.2	32	45	2.5	AGA	T
600	Shashikala	Female	38	7.2	33	46	3	AGA	T
601	Anitha	Male	38	7.3	33.5	47	2.75	AGA	T
602	Nagamani	Female	38	7.3	33	46.5	2.7	AGA	T
603	Mani	Male	40	7.7	31	47	2.9	AGA	T
604	Shwetha	Female	38	7.5	30.5	46	2.5	AGA	T
605	Rachamma	Male	40	7.6	34.5	47	3.25	AGA	T
606	Lakshmi	Male	38	7.1	33	46	2.05	SGA	T
607	Sunitha	Female	38	7.4	31.2	45	2.5	AGA	T
608	Asha	Female	42	7.0	34	46	2.2	SGA	Post T
609	Lakshmi	Female	40	7.7	34.5	48	2.7	AGA	T
610	Asha	Male	38	6.8	31.5	44	2.1	SGA	T
611	Amreen	Male	34	6.5	29.5	40	1.5	AGA	PT
612	Rohini	Female	38	7.6	32	44	2.5	AGA	T
613	Banupriya	Female	38	7.2	32	46	2.9	AGA	T
614	Manjula	Female	40	7.6	34.5	48	3.25	AGA	T
615	Manjula	Female	38	7.0	30	46	2.6	AGA	T
616	Veena	Female	40	7.9	32.5	46	3.4	AGA	T
617	Cheluvamma	Male	40	7.7	32	46	3.0	AGA	T
618	Mahadevamma	Male	38	6.9	30.5	41	2.3	AGA	T
619	Manjula	Female	42	8.3	34	46	3	AGA	Post T
620	Rathna	Male	40	7.1	33	48	3.0	AGA	T
621	Nagamma	Female	38	7.2	30.5	46	3.1	AGA	T
622	Sumathi	Female	38	6.8	29	40	1.9	SGA	T
623	Jayalakshmi	Male	38	7.2	32.5	45	2.0	SGA	T
624	Gayathri	Male	40	7.4	33	48	3.1	AGA	T
625	Geetha	Male	40	7.6	32	47	2.5	AGA	T
626	Savitha	Male	38	7.2	31	42	2.8	AGA	T
627	Sudha	Male	38	7.3	32	45	2.4	AGA	T
628	Hemavathi	Female	40	7.8	33.5	45	3.5	AGA	T
629	Nagamma	Female	38	7.0	32	42	2.25	AGA	T
630	Shruthi	Female	40	7.2	33	45	2.8	AGA	T
631	Thara	Male	40	7.4	33.5	48	2.8	AGA	T
632	Shivnagamma	Male	32	6.5	27.5	38	1.4	AGA	PT
633	Bharathi	Male	38	7.4	31.5	47	2.4	AGA	T
634	Nagamma	Male	30	6.1	27.5	39	1.4	AGA	PT
635	Ammajan	Female	42	7.8	34	46	3.0	AGA	Post T
636	Bibi Aysha	Female	42	8.0	34	46	2.6	SGA	Post T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
637	Mary Sunitha	Male	40	7.5	34	48	3.0	AGA	T
638	Mamatha	Male	38	7.3	33.5	46	2.5	AGA	T
639	Shruthi	Male	36	7.0	28.2	40	1.8	SGA	PT
640	Pushpa	Male	38	7.1	32.5	46	2.2	SGA	T
641	Sumithra	Female	38	7.3	32.5	46	2.5	AGA	T
642	Jayamma	Male	38	7.4	33	45.5	2.6	AGA	T
643	Sunitha	Male	36	7.0	28.2	40	1.9	AGA	PT
644	Nethravathi	Female	38	7.3	33.3	46.2	2.8	AGA	T
645	Muthu	Male	38	7.2	32	45	2.5	AGA	T
646	Dhakshayani	Female	38	7.8	33.2	47	3.5	AGA	T
647	Manjula	Male	38	7.6	34.2	47	3.25	AGA	T
648	Mangala	Female	38	7.6	33.2	45	3.0	AGA	T
649	Dilnawaj	Female	40	7.6	33	46	3.0	AGA	T
650	Kanthamani	Male	40	7.5	33.5	45	2.8	AGA	T
651	Yashodha	Male	38	7.3	33	46	3.0	AGA	T
652	Anitha	Male	40	7.5	33.2	45	3.5	AGA	T
653	Pallavi	Female	36	7.1	33	42	2.4	AGA	PT
654	Salma	Male	42	7.6	33	45	2.7	AGA	Post T
655	Gowramma	Male	38	7.2	31	42	2.5	AGA	T
656	Malleswari	Female	40	7.6	33.2	46	3.0	AGA	T
657	Meenakshi	Male	40	7.6	33.5	47	3.0	AGA	T
658	Munseera	Male	42	7.7	34	48	3.5	AGA	Post T
659	Rukmini	Male	42	7.4	32.5	47	3.0	AGA	Post T
660	Divya	Female	40	7.4	33	47	2.5	AGA	T
661	Pushpa Bai	Male	40	7.4	33.2	47.5	2.6	AGA	T
662	Lokamani	Female	40	7.6	34	50	3.0	AGA	T
663	Radhabai	Male	32	6.3	29	43	1.5	AGA	PT
664	Padma	Male	34	7.0	30.5	43	2.1	AGA	PT
665	Chikkamani	Male	38	7.4	31.5	47	2.4	AGA	T
666	Pallavi	Male	40	8.0	35.3	52	4.1	LGA	T
667	Jaikumari	Male	30	6.1	27	40	1.4	AGA	PT
668	Mangalamma	Male	38	7.6	31.5	48	2.4	AGA	T
669	Bhagya	Male	32	6.3	28	42	1.6	AGA	PT
670	Jayalakshmi	Male	38	7.3	33.5	49	2.5	AGA	T
671	Roopa	Male	40	8.2	33	47	3.4	AGA	T
672	Renuka	Male	38	7.0	33.8	47	2.9	AGA	T
673	Savitha	Female	40	7.7	35	49	3.6	AGA	T
674	Shobha	Female	38	7.3	31	47	2.75	AGA	T
675	Manjula	Female	42	8.0	32	48	3.25	AGA	Post T
676	Yasmin Taj	Male	40	7.8	35.5	48	3.5	AGA	T
677	Jayashree	Male	42	8.7	33	48	3.0	AGA	Post T
678	Channajamma	Female	40	7.6	32.8	48	2.5	AGA	T
679	Mamatha	Male	42	8.3	32.5	48	3.2	AGA	Post T
680	Nandini	Female	38	7.5	31.5	47	2.5	AGA	T
681	Radha	Female	40	7.5	33.5	48	2.75	AGA	T
682	Meena	Male	40	7.8	32.5	47.5	2.75	AGA	T
683	Sunitha	Male	42	8.2	34	50	3.5	AGA	Post T
684	Mahadevamma	Male	40	7.7	33.5	47	3.5	AGA	T
685	Shamsiya Begum	Male	40	8.0	33.5	49	3.25	AGA	T
686	Savitha	Male	40	7.5	33.8	48	3.0	AGA	T
687	Indrani	Female	38	7.3	34.5	47	3.25	AGA	T
688	Hema	Male	38	7.1	31.5	41	2.25	AGA	T
689	Bharathi	Male	38	7.4	30	45	2.7	AGA	T
690	Sathyabhama	Male	38	7.2	31	44	2.5	AGA	T
691	Thayamma	Male	40	7.8	35	49	3.5	AGA	T
692	Sunitha	Male	42	7.7	33.5	47	3	AGA	Post T
693	Nagarathna	Female	40	7.7	33.8	48	3.0	AGA	T
694	Divya	Male	38	7.5	33.5	46	2.9	AGA	T
695	Sunitha	Male	36	7.1	32	46	2.75	AGA	PT
696	Nagaveni	Female	38	7.7	31	46	2.75	AGA	T
697	Shilpa	Male	38	7.3	34	47	2.5	AGA	T
698	Rathna	Female	38	7.2	28.5	45	2.1	SGA	T
699	Chikhiramma	Male	40	7.6	34	51	3.0	AGA	T
700	Pavithra	Female	38	7.1	32	48	2.75	AGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
701	Pankaja	Female	40	7.6	33.5	48	2.5	AGA	T
702	Padma	Male	40	8.0	32.5	49	2.8	AGA	T
703	Shantha	Female	40	7.5	3.2	49	2.7	AGA	T
704	Mala	Male	40	7.6	31	47	2.7	AGA	T
705	Haseena	Female	40	8.6	35	51	4.25	LGA	T
706	Shobha	Male	40	7.6	32.5	47	2.4	SGA	T
707	Roopa	Male	40	8.5	35	50	4.0	LGA	T
708	Sowmya	Female	38	7.4	34	48	2.6	AGA	T
709	Puttamma	Male	38	7.3	34.5	49	2.5	AGA	T
710	Lakshmi	Male	40	7.8	33.5	48	2.75	AGA	T
711	Gowri	Female	40	7.7	34	49	2.5	AGA	T
712	Kavitha	Male	38	7.4	34	49	2.6	AGA	T
713	Siddiq	Female	38	7.4	34	49	2.6	AGA	T
714	Prabhavathi	Female	40	7.6	34.5	49.5	2.7	AGA	T
715	Nandini	Female	42	7.8	34.5	49.5	3.5	AGA	Post T
716	Shilpa	Male	40	7.7	34.5	49	2.8	AGA	T
717	Sameena Taj	Female	40	7.7	34.5	50	3.0	AGA	T
718	Rekha	Male	40	7.5	34	48	2.75	AGA	T
719	Manjula	Female	40	8.0	35	50	2.9	AGA	T
720	Malathi	Female	40	7.8	32	50	3.0	AGA	T
721	Mangalamma	Male	38	7.5	31.5	48	2.4	AGA	T
722	Asha	Female	32	6.2	25.5	38	1.4	AGA	PT
723	Kumari	Female	40	8.6	33	49.5	3.5	AGA	T
724	Roopa	Female	40	8.0	31.5	49	3.5	AGA	T
725	Jayalakshmi	Female	38	7.5	32.8	48	2.8	AGA	T
726	Geetha	Female	40	8.1	33.5	51	3.25	AGA	T
727	Nethravathi	Male	38	7.8	32.8	49	2.5	AGA	T
728	Maheswari	Male	40	8.0	33	50	3.0	AGA	T
729	Nagamma	Male	38	7.6	33.5	49	3.0	AGA	T
730	Manjula	Male	40	8.1	35	50	3.5	AGA	T
731	Rajamma	Male	38	7.7	32.5	49	3.0	AGA	T
732	Hemavathi	Female	36	7.0	30.5	46	2.5	AGA	PT
733	Chithrakala	Male	38	7.6	33.5	49	3.0	AGA	T
734	Pushpalatha	Female	38	7.6	32	49	2.75	AGA	T
735	Mani	Male	46	8.5	35	50	4.0	LGA	T
736	Padmavathi	Female	38	7.7	32	49	2.75	AGA	T
737	Parvathi	Female	38	7.4	33	48	2.7	AGA	T
738	Lakshmi	Female	38	7.0	30	42.5	2.0	SGA	T
739	Manasa	Male	40	7.7	34.5	49.5	3.2	AGA	T
740	Bindhu	Female	38	7.8	32.5	48	2.5	AGA	T
741	Sowmya	Male	38	7.2	33	47.5	2.75	AGA	T
742	Sumaya Khanum	Female	40	7.7	33.5	49	3.0	AGA	T
743	Shashi	Female	38	7.5	31.5	48	2.6	AGA	T
744	Uma	Male	38	7.4	33.5	49	3.5	AGA	T
745	Malathi	Male	40	7.7	33	50	2.9	AGA	T
746	Reengu Devi	Female	38	7.5	32.8	48.5	2.6	AGA	T
747	Anjum	Male	38	6.2	29.0	41.0	1.2	SGA	T
748	Jabeena	Male	38	7.3	32.5	47	2.4	AGA	T
749	Jyothi	Male	40	8.4	33.7	50	3.4	AGA	T
750	Uma	Female	40	7.6	32.5	49	3.5	AGA	T
751	Dhakshayani	Female	40	7.6	32	49	3.2	AGA	T
752	Manjula	Female	40	7.6	33.5	48	3.25	AGA	T
753	Shobha	Female	40	7.7	33.5	47	3.2	AGA	T
754	Hazeena Begum	Female	40	7.7	35	50	4.25	AGA	T
755	Anju	Male	34	6.3	29.5	39	1.75	AGA	PT
756	Mangalagowri	Female	40	7.3	32.5	47	2.75	AGA	T
757	Nijama	Female	42	7.8	35.5	50	3.5	AGA	Post T
758	Leelamma	Female	40	7.6	33	49	2.75	AGA	T
759	Madevamma	Male	38	7.5	30.5	46	2.5	AGA	T
760	Hema	Female	38	7.5	32	47	2.5	AGA	T
761	Sunitha	Female	34	6.5	28	40	1.65	AGA	PT
762	Geetha	Male	38	7.4	33.5	48	2.75	AGA	T
763	Sumangala	Female	38	7.4	33.8	49	2.75	AGA	T
764	Nandini	Female	38	7.0	32.5	47	2.1	SGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
765	Bhagya	Male	42	7.5	33	50	3.0	AGA	Post T
766	Parvathamma	Male	42	7.7	30.5	50	2.8	AGA	Post T
767	Jayanthi	Male	42	7.7	36.5	51	3.25	AGA	Post T
768	Indira	Female	40	8.0	31.5	48	2.4	SGA	T
769	Fathima	Female	38	7.0	33	47	2.2	SGA	T
770	Geetha	Female	40	7.5	32.6	48	3.0	AGA	T
771	Najiya Banu	Female	36	7.2	32	45	2.5	AGA	PT
772	Nandini	Female	40	7.7	31	46	2.7	AGA	T
773	Gowramma	Male	40	7.8	32	48	3.2	AGA	T
774	Nandini	Female	42	7.7	34.5	51	3.2	AGA	Post T
775	Gowramma	Male	36	6.8	30.5	42	2.1	AGA	PT
776	Padma	Female	34	6.2	29.2	40	1.7	AGA	PT
777	Padma	Female	34	5.5	27	37	1.2	SGA	PT
778	Baby	Male	28	5.0	26	32	0.96	AGA	PT
779	Manjula	Female	38	7.6	31.5	48	2.0	SGA	T
780	Padma	Male	38	6.6	30.5	40	1.6	SGA	T
781	Neelamma	Male	34	6.5	28	45	1.6	AGA	PT
782	Latha	Female	38	7.2	34.5	49	2.5	AGA	T
783	Parvathi	Female	40	7.4	32.5	48	2.6	AGA	T
784	Ambika	Female	26	4.9	24	38.5	0.5	AGA	PT
785	Noorjan	Male	42	8.8	38	52	4.3	LGA	Post T
786	Sambhavi	Male	34	5.5	27	37	1.2	SGA	PT
787	Pavithra	Female	34	6.2	29	42	1.75	AGA	PT
788	Shilpa	Male	36	6.0	27.5	41	1.5	SGA	PT
789	Sundramma	Female	34	6.0	29	41	1.5	AGA	PT
790	Roopa	Male	34	6.9	32.5	42.5	1.8	AGA	PT
791	Rani	Male	32	6.2	30	41.5	1.7	AGA	PT
792	Nagamma	Male	36	7.0	32	43	2.75	AGA	PT
793	Anitha	Female	26	4.5	26	37	0.90	AGA	PT
794	Shobha	Female	28	5.6	27	38.5	1.3	AGA	PT
795	Sowmya	Male	38	7.0	30.5	47	2.1	SGA	T
796	Chetana	Female	40	7.8	32.5	48	2.35	SGA	T
797	Mamatha	Female	34	6.3	29	43.5	1.5	AGA	PT
798	Cheluvamma	Female	34	6.6	26.5	42	1.4	SGA	PT
799	Manjula	Male	40	6.8	33	46	2.3	SGA	T
800	Usha	Female	38	6.8	33	45.5	2.2	SGA	T

Sl. No.	Mother's Name	Sex	Gestational age (weeks)	Foot length (cms)	Head circumference (cms)	Crown-heel length (cms)	Birth weight (kg)	Appropriate for gestational age (AGA)/ Small for gestational age (SGA)/ Large for gestational age (LGA)	Pre-term (PT)/Term (T)/ Post-term (Post T)
253	Maheswari	Male	40	7.6	33	47	2.9	AGA	T
254	Rekha	Male	38	7.1	31	44	2.2	SGA	T
255	Mangalamma	Male	40	7.7	33	47	2.6	AGA	T
256	Sudha	Female	40	7.6	32	47	3	AGA	T
257	Rani	Male	40	7.5	32	46	2.35	SGA	T
258	Neelavathi	Male	38	8.2	32	48	3.6	LGA	T
259	Aisha Banu	Male	38	8.1	32.5	47	3	AGA	T
260	Jyothi	Female	36	7	31	45	2.5	AGA	PT
261	Devika	Male	34	7.2	31.5	46.5	2.6	AGA	PT
262	Savitha	Male	36	7.8	31.5	46	2.5	AGA	PT
263	Rahamuthenija	Male	38	6.8	29	44	2.2	SGA	T
264	Reshma Banu	Male	38	7.8	32.5	48	3.4	AGA	T
265	Gowramma	Female	38	7.8	32.2	45	2.5	AGA	T
266	Salma Banu	Female	40	7.7	32.5	47	2.6	AGA	T
267	Lakshmi	Male	40	7.4	32	46	2.6	AGA	T
268	Parveen Taj	Female	38	7.2	32	45	2.4	AGA	T
269	Puttamani	Male	38	7.6	34.5	47	3.5	AGA	T
270	Vallikumari	Female	42	8.0	32	44	2.6	SGA	Post T
271	Shobha	Male	38	7.8	33.5	47	4.25	LGA	T
272	Shunga Bai	Male	40	7.6	31.4	47	2.6	AGA	T
273	Anitha	Male	36	7.7	30.8	45	2.5	AGA	PT
274	Nagamma	Female	42	8.2	32.1	45	3.5	AGA	Post T
275	Madevamma	Male	38	7.4	32.8	46	2.5	AGA	T
276	Jaya	Male	40	7.7	31.7	47	2.6	AGA	T
277	Chandraprabha	Female	40	8.1	32.8	48	3.4	AGA	T
278	Kendamma	Female	38	7.4	32.1	46	2.5	AGA	T
279	Kanchana	Male	32	6.6	29.5	41	1.75	AGA	PT
280	Varalakshmi	Female	30	6	25.5	38	1.2	AGA	PT
281	Pushpalatha	Female	32	6.2	27.6	41	1.4	AGA	PT
282	Tasmia	Male	38	7.8	33	43	2.5	AGA	T
283	Doddamma	Female	34	7.2	31	42	2.25	AGA	PT
284	Nagamma	Female	42	8.2	35	47	3.5	AGA	Post T
285	Lakshmi	Male	40	8	34	47	3.5	AGA	T

286	Bharathi	Female	38	7.9	33.2	46	3.0	AGA	T
287	Renuka	Female	36	7.2	28.5	41	2.0	AGA	PT
288	Savitha	Male	38	8.0	33.2	45	3.0	AGA	T
289	Ashwini	Male	36	6.8	30	40	1.8	SGA	PT
290	Puttalakshmi	Male	38	8.4	33.4	45	3.6	LGA	T
291	Latha	Female	40	7.3	31.6	48	2.6	AGA	T
292	Thulsamma	Male	38	7.5	32	47	2.5	AGA	T
293	Manasa	Male	42	7.3	31	48	2.6	SGA	Post T
294	Shyla	Female	34	5.5	27.5	40	1.4	SGA	PT
295	Nagamma	Male	36	6.6	28	41	1.75	SGA	PT
296	Sunitha	Female	34	5.5	25	38	1.2	SGA	PT
297	Anitha	Female	40	7.2	34.5	47	3	AGA	T
298	Lakshmi	Female	36	7.2	31.5	45	2.7	AGA	PT
299	Rani	Female	38	7.8	31.2	44	2.5	AGA	T
300	Neelamma	Male	40	7.6	35	46	3.5	AGA	T
301	Bhagya	Male	40	7.3	32	45	3	AGA	T
302	Girija	Male	38	7.4	30	45	2.3	AGA	T
303	Varalakshmi	Male	38	7.7	32	45	3	AGA	T
304	Sowmya	Female	38	6.7	32	46	2.5	AGA	T
305	Suma	Male	38	7.7	33	48	3.6	LGA	T
306	Parvathi	Male	42	7	32	44	2.6	SGA	Post T
307	Sruthi	Female	38	7.2	31	47	2.4	AGA	T
308	Suma	Female	38	6.8	31	45	2.5	AGA	T
309	Kavitha	Male	40	7.2	33.5	46	3.4	AGA	T
310	Shwetha	Male	40	7.5	34	50	3.25	AGA	T
311	Lakshmi	Male	38	6	29	44	2.1	SGA	T
312	Mamatha	Female	38	7.2	31.5	48	3.25	AGA	T
313	Anitha	Male	40	7.1	31	45	2.4	SGA	T
314	Anusree	Male	42	8.2	34	48	3.4	AGA	Post T
315	Sudha	Male	38	7.7	33	46	3.1	AGA	T
316	Poornima	Male	34	6.8	29.5	43	1.8	AGA	PT